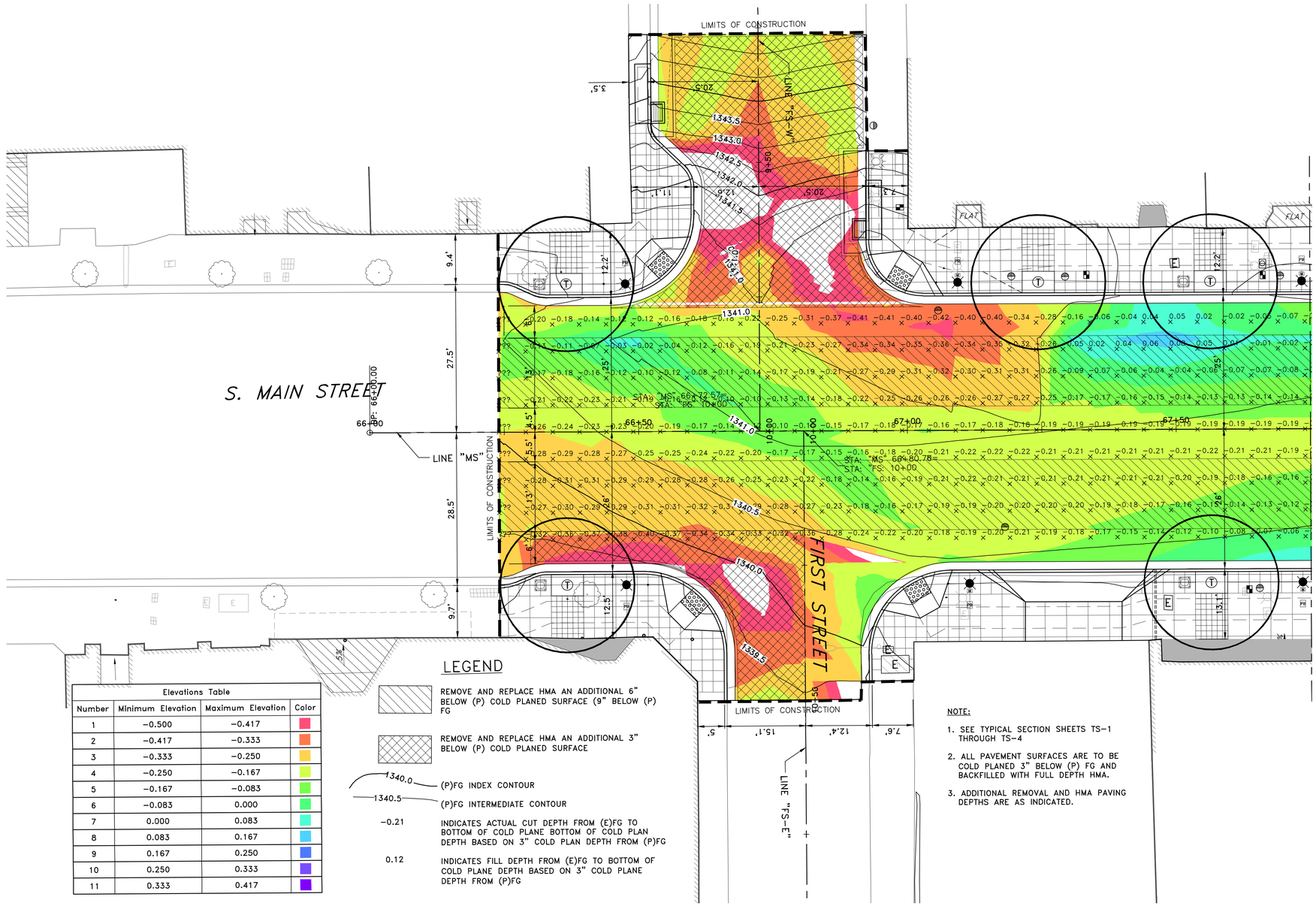


LEGEND

Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	−0.500	−0.417	
2	−0.417	−0.333	
3	−0.333	−0.250	
4	−0.250	−0.167	
5	−0.167	−0.083	
6	−0.083	0.000	
7	0.000	0.083	
8	0.083	0.167	
9	0.167	0.250	
10	0.250	0.333	
11	0.333	0.417	

REMOVE AND REPLACE HMA AN ADDITIONAL 6" BELOW (P) COLD PLANED SURFACE (9" BELOW (P) FG

REMOVE AND REPLACE HMA AN ADDITIONAL 3" BELOW (P) COLD PLANED SURFACE

1340.0 (P)FG INDEX CONTOUR

1340.5 (P)FG INTERMEDIATE CONTOUR

−0.21 INDICATES ACTUAL CUT DEPTH FROM (E)FG TO BOTTOM OF COLD PLANE BOTTOM OF COLD PLAN DEPTH BASED ON 3" COLD PLAN DEPTH FROM (P)FG

0.12 INDICATES FILL DEPTH FROM (E)FG TO BOTTOM OF COLD PLANE DEPTH BASED ON 3" COLD PLANE DEPTH FROM (P)FG

NOTE:

1. SEE TYPICAL SECTION SHEETS TS-1 THROUGH TS-4
2. ALL PAVEMENT SURFACES ARE TO BE COLD PLANED 3" BELOW (P) FG AND BACKFILLED WITH FULL DEPTH HMA.
3. ADDITIONAL REMOVAL AND HMA PAVING DEPTHS ARE AS INDICATED.

0 10 20
SCALE: HORZ. 1"=10'

PROJECT ENGINEER: CATHY A. McKEON
LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

REGISTERED PROFESSIONAL ENGINEER CATHY A. McKEON NO. 51026 EXP. 9-30-17 CIV IL STATE OF CALIFORNIA
FEB. 18, 2016

Crawford & Associates, Inc. Geotechnical Engineering, Design and Construction Services 100 N. Pine Street Ukiah, CA 95482

RAU AND ASSOCIATES INC.
CIVIL ENGINEERS · LAND SURVEYORS
100 NORTH PINE STREET• (707) 462-6536 • UKIAH, CA 95482

LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
S. MAIN STREET LAKEPORT, CA.

SCALE: 1"=10'	APPROVED BY:	DRAWN BY:	MAW
DATE: FEB. 2106		REVIEWED BY:	CAM

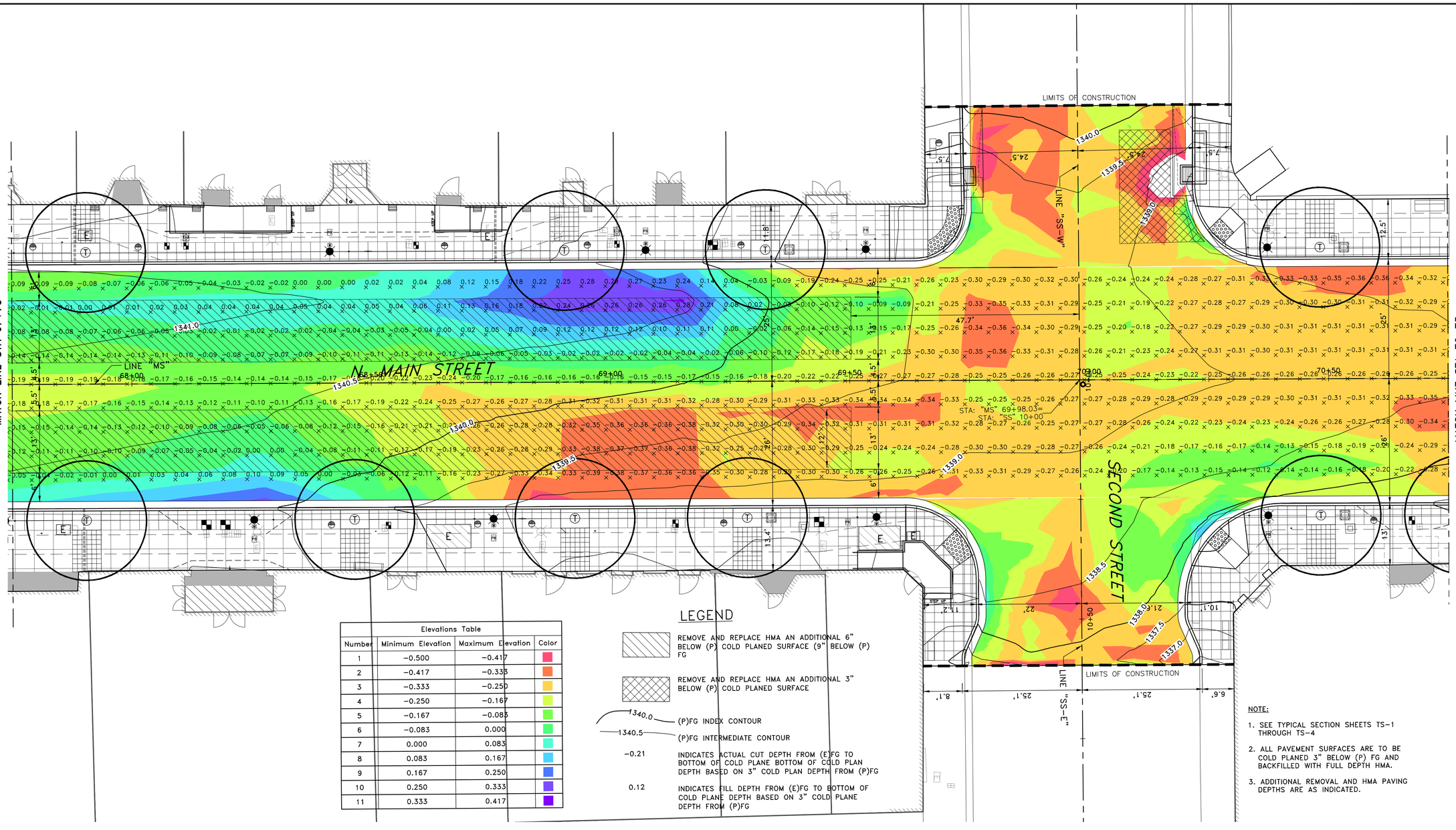
PAVEMENT PLAN
STA: 64+75 TO STA: 67+75

CITY OF LAKEPORT

DRAWING NUMBER CL-1 of 70 SHTS

BID SET

Xrefs: LDI_CX-TBLOCK.dwg; LDI_RX-EX_TOPO.dwg; LDI_CX-BASE_NoBulbouts.dwg; LDI_CX-ROW_APN.dwg
Path: C:\Users\Mike\appdata\local\temp\AcPublish_5044\LDI_CP-LAYOUT_SHTS.DWG Plot Date: Feb 18, 2016 at 12:47



Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-0.500	-0.417	
2	-0.417	-0.333	
3	-0.333	-0.250	
4	-0.250	-0.167	
5	-0.167	-0.083	
6	-0.083	0.000	
7	0.000	0.083	
8	0.083	0.167	
9	0.167	0.250	
10	0.250	0.333	
11	0.333	0.417	

LEGEND

REMOVE AND REPLACE HMA AN ADDITIONAL 6" BELOW (P) COLD PLANED SURFACE (9" BELOW (P) FG

REMOVE AND REPLACE HMA AN ADDITIONAL 3" BELOW (P) COLD PLANED SURFACE

1340.0 — (P)FG INDEX CONTOUR

1340.5 — (P)FG INTERMEDIATE CONTOUR

-0.21 — INDICATES ACTUAL CUT DEPTH FROM (E)FG TO BOTTOM OF COLD PLANE BOTTOM OF COLD PLAN DEPTH BASED ON 3" COLD PLAN DEPTH FROM (P)FG

0.12 — INDICATES FILL DEPTH FROM (E)FG TO BOTTOM OF COLD PLANE DEPTH BASED ON 3" COLD PLANE DEPTH FROM (P)FG

NOTE:

1. SEE TYPICAL SECTION SHEETS TS-1 THROUGH TS-4
2. ALL PAVEMENT SURFACES ARE TO BE COLD PLANED 3" BELOW (P) FG AND BACKFILLED WITH FULL DEPTH HMA.
3. ADDITIONAL REMOVAL AND HMA PAVING DEPTHS ARE AS INDICATED.

0 10 20
SCALE: HORZ. 1"=10'

PROJECT ENGINEER: CATHY A. McKEON
LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

REGISTERED PROFESSIONAL ENGINEER CATHY A. McKEON NO. 51026 EXP. 9-30-17 CIV IL STATE OF CALIFORNIA
FEB. 18, 2016

Crawford & Associates, Inc.
Geotechnical Engineering, Design and Construction Services
100 N. Pine Street
Ukiah, CA 95482

RAU AND ASSOCIATES INC.
CIVIL ENGINEERS · LAND SURVEYORS
100 NORTH PINE STREET • (707) 462-6536 • UKIAH, CA 95482

LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
N. MAIN STREET LAKEPORT, CA.

SCALE: 1"=10'	APPROVED BY:	DRAWN BY:	MAW
DATE: FEB. 2016		REVIEWED BY:	CAM

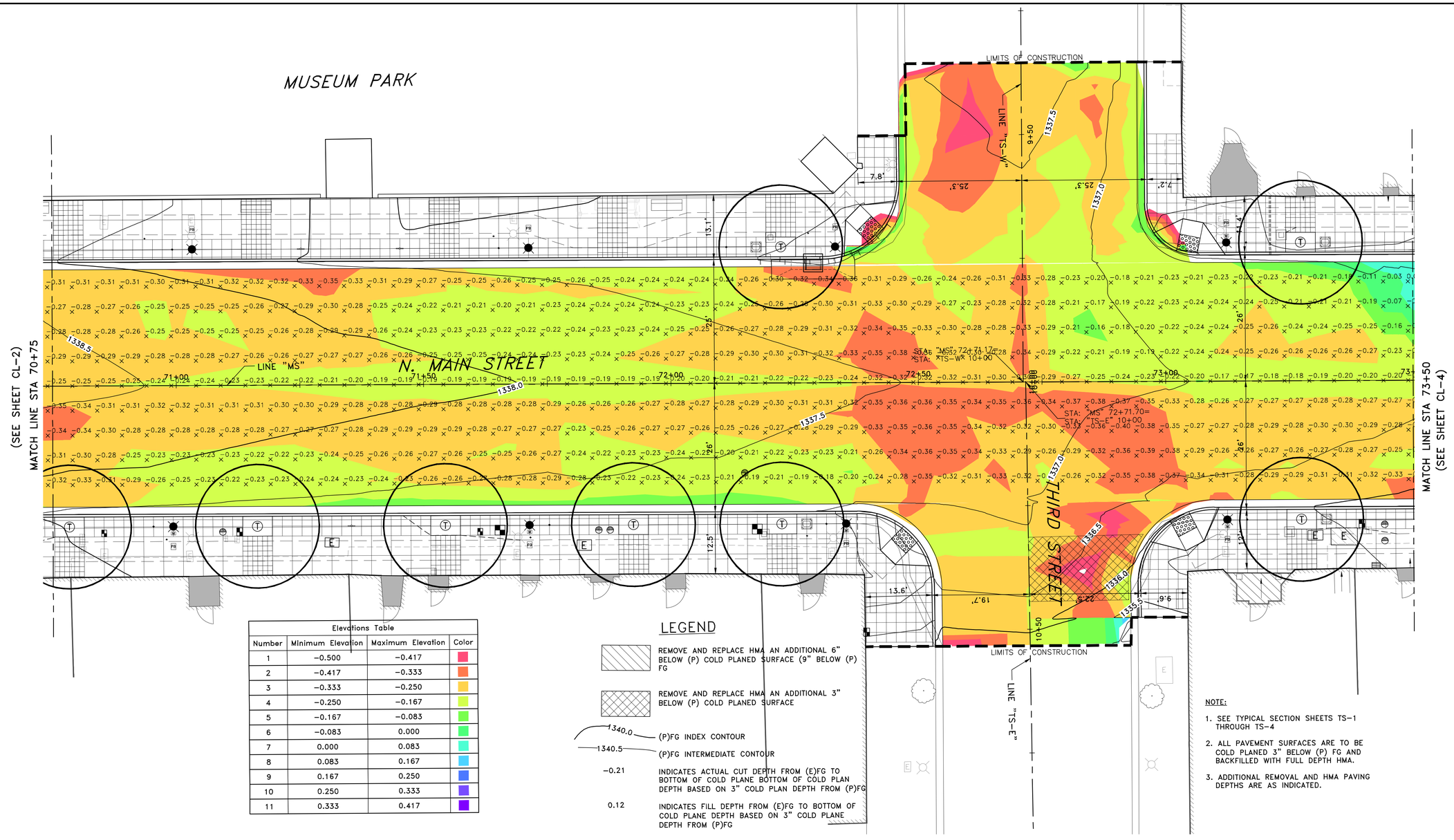
PAVEMENT PLAN
STA: 67+75 TO STA: 70+75

CITY OF LAKEPORT

DRAWING NUMBER CL-2 of 70 SHTS

BID SET

Xrefs: LDI_CX-TBLOCK.dwg; LDI_RX-EX_TOPO.dwg; LDI_CX-BASE_NoBulbouts.dwg; LDI_CX-ROW_APN.dwg
Path: C:\Users\Mike\appdata\local\temp\AcPublish_5044\LDI_CP-LAYOUT_SHTS.DWG Plot Date: Feb 18, 2016 at 12:47



Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-0.500	-0.417	
2	-0.417	-0.333	
3	-0.333	-0.250	
4	-0.250	-0.167	
5	-0.167	-0.083	
6	-0.083	0.000	
7	0.000	0.083	
8	0.083	0.167	
9	0.167	0.250	
10	0.250	0.333	
11	0.333	0.417	

LEGEND

REMOVE AND REPLACE HMA AN ADDITIONAL 6" BELOW (P) COLD PLANED SURFACE (9" BELOW (P) FG

REMOVE AND REPLACE HMA AN ADDITIONAL 3" BELOW (P) COLD PLANED SURFACE

1340.0 — (P)FG INDEX CONTOUR

1340.5 — (P)FG INTERMEDIATE CONTOUR

-0.21 — INDICATES ACTUAL CUT DEPTH FROM (E)FG TO BOTTOM OF COLD PLANE BOTTOM OF COLD PLAN DEPTH BASED ON 3" COLD PLAN DEPTH FROM (P)FG

0.12 — INDICATES FILL DEPTH FROM (E)FG TO BOTTOM OF COLD PLANE DEPTH BASED ON 3" COLD PLANE DEPTH FROM (P)FG

NOTE:

1. SEE TYPICAL SECTION SHEETS TS-1 THROUGH TS-4
2. ALL PAVEMENT SURFACES ARE TO BE COLD PLANED 3" BELOW (P) FG AND BACKFILLED WITH FULL DEPTH HMA.
3. ADDITIONAL REMOVAL AND HMA PAVING DEPTHS ARE AS INDICATED.

0 10 20
SCALE: HORZ. 1"=10'

PROJECT ENGINEER: CATHY A. McKEON
LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

REGISTERED PROFESSIONAL ENGINEER
CATHY A. McKEON
NO. 51026
EXP. 9-30-17
CIV IL
STATE OF CALIFORNIA
FEB. 18, 2016

Crawford & Associates, Inc.
Geotechnical Engineering, Design and Construction Services
100 N. Pine Street
Ukiah, CA 95482

RAU AND ASSOCIATES INC.
CIVIL ENGINEERS · LAND SURVEYORS
100 NORTH PINE STREET • (707) 462-6536 • UKIAH, CA 95482

LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
N. MAIN STREET LAKEPORT, CA.

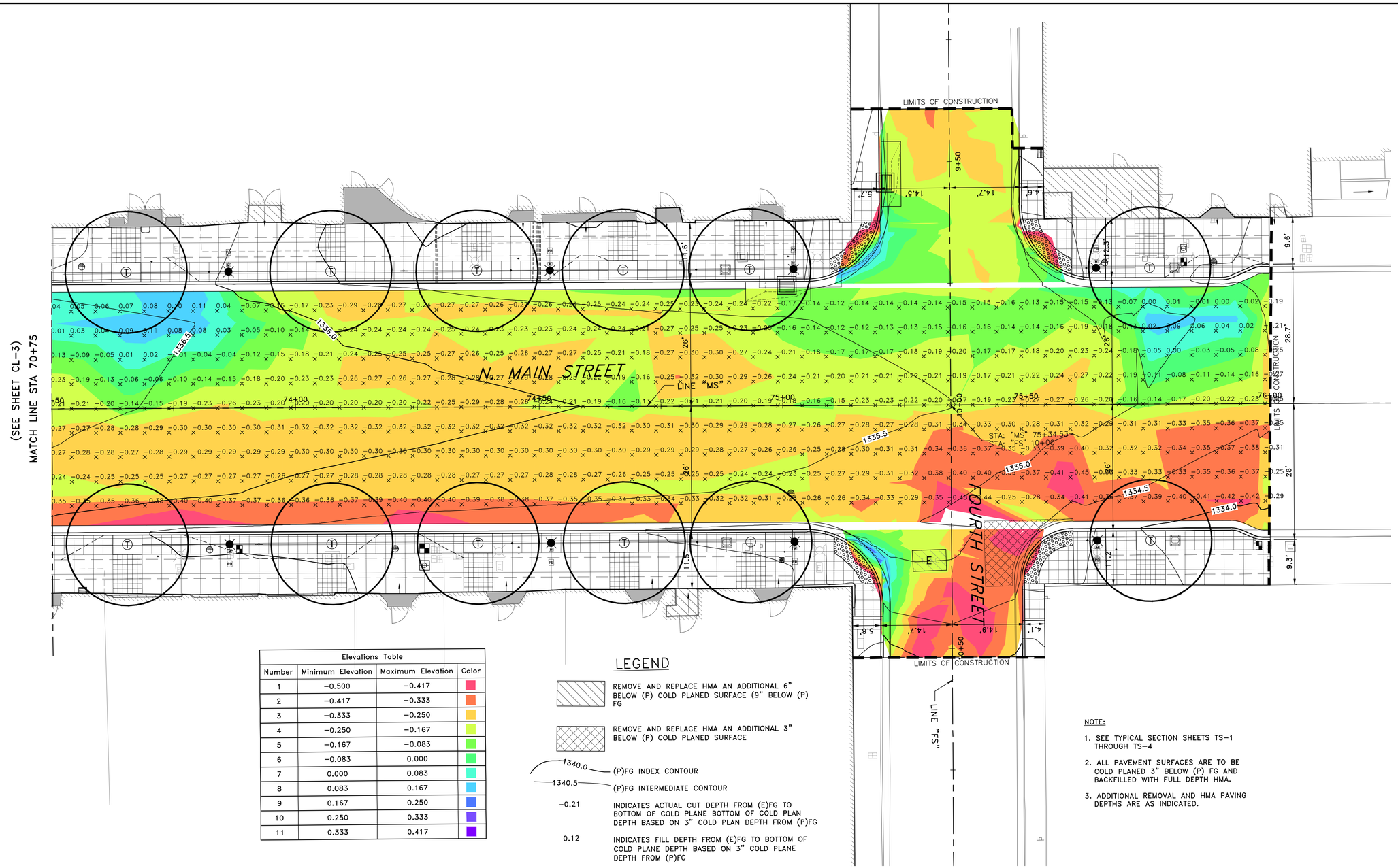
SCALE: 1"=10' APPROVED BY: DRAWN BY: MAW
DATE: FEB. 2016 REVIEWED BY: CAM

PAVEMENT PLAN
STA: 70+75 TO STA: 73+50

CITY OF LAKEPORT
DRAWING NUMBER CL-3 of 70 SHTS

BID SET

Xrefs: LDI_CX-TBLOCK.dwg; LDI_RX-EX_TOPO.dwg; LDI_CX-BASE_NoBulbouts.dwg; LDI_CX-ROW_APN.dwg
Path: C:\Users\Mike\appdata\local\Temp\AcPublish_5044\LDI_CP-LAYOUT_SHTS.DWG Plot Date: Feb 18, 2016 at 12:47



Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-0.500	-0.417	
2	-0.417	-0.333	
3	-0.333	-0.250	
4	-0.250	-0.167	
5	-0.167	-0.083	
6	-0.083	0.000	
7	0.000	0.083	
8	0.083	0.167	
9	0.167	0.250	
10	0.250	0.333	
11	0.333	0.417	

LEGEND

REMOVE AND REPLACE HMA AN ADDITIONAL 6" BELOW (P) COLD PLANED SURFACE (9" BELOW (P) FG

REMOVE AND REPLACE HMA AN ADDITIONAL 3" BELOW (P) COLD PLANED SURFACE

1340.0 — (P)FG INDEX CONTOUR

1340.5 — (P)FG INTERMEDIATE CONTOUR

-0.21 — INDICATES ACTUAL CUT DEPTH FROM (E)FG TO BOTTOM OF COLD PLANE BOTTOM OF COLD PLAN DEPTH BASED ON 3" COLD PLAN DEPTH FROM (P)FG

0.12 — INDICATES FILL DEPTH FROM (E)FG TO BOTTOM OF COLD PLANE DEPTH BASED ON 3" COLD PLANE DEPTH FROM (P)FG

NOTE:

1. SEE TYPICAL SECTION SHEETS TS-1 THROUGH TS-4
2. ALL PAVEMENT SURFACES ARE TO BE COLD PLANED 3" BELOW (P) FG AND BACKFILLED WITH FULL DEPTH HMA.
3. ADDITIONAL REMOVAL AND HMA PAVING DEPTHS ARE AS INDICATED.

0 10 20
SCALE: HORZ. 1"=10'

PROJECT ENGINEER: CATHY A. McKEON
LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

REGISTERED PROFESSIONAL ENGINEER CATHY A. McKEON NO. 51026 EXP. 9-30-17 CIV IL STATE OF CALIFORNIA
FEB. 18, 2016

Crawford & Associates, Inc.
Geotechnical Engineering, Design and Construction Services
100 N Pine Street
Ukiah, CA 95482

RAU AND ASSOCIATES INC.
CIVIL ENGINEERS · LAND SURVEYORS
100 NORTH PINE STREET · (707) 462-6536 · UKIAH, CA 95482

LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
N. MAIN STREET LAKEPORT, CA.

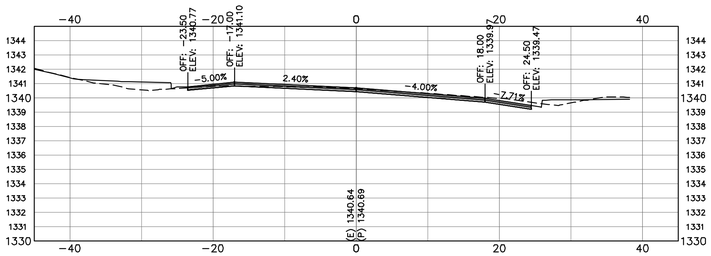
SCALE: 1"=10' APPROVED BY: DRAWN BY: MAW
DATE: FEB. 2016 REVIEWED BY: CAM

PAVEMENT PLAN
STA: 73+50 TO STA: 76+00

CITY OF LAKEPORT
DRAWING NUMBER CL-4 of 70 SHTS

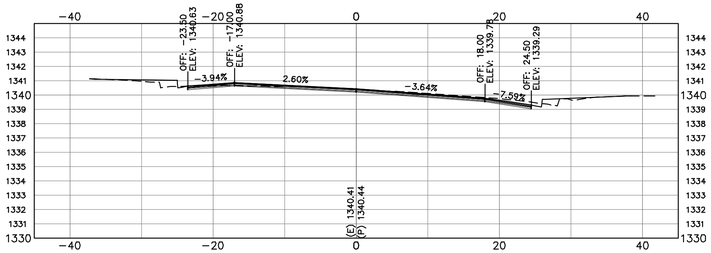
BID SET

Xrefs: LDI_CX-TBLOCK.dwg; LDI_RX-EX_TOPO.dwg; LDI_CX-BASE_NoBulbouts.dwg; LDI_CX-ROW_APN.dwg
Path: C:\Users\Mike\appdata\local\temp\AcPublish_5044\LDI_CP-LAYOUT_SHTS.DWG Plot Date: Feb 18, 2016 at 12:47



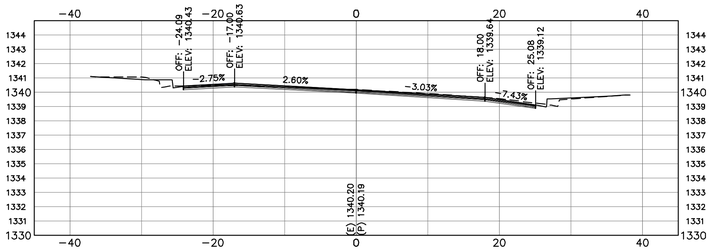
66+50.00

SECTION VOLUME Sta: 66+50.00	
Cut Area (Sq.Ft.)	10.43
Fill Area (Sq. Ft.)	0.03
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	11
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	11



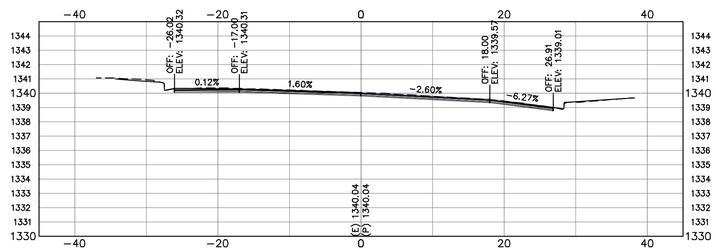
66+40.00

SECTION VOLUME Sta: 66+40.00	
Cut Area (Sq.Ft.)	11.25
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	7
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	7



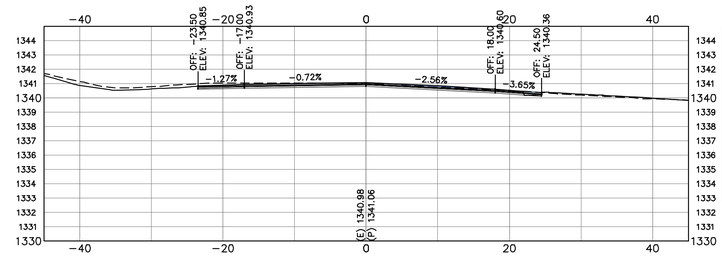
66+30.00

SECTION VOLUME Sta: 66+30.00	
Cut Area (Sq.Ft.)	11.79
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	3
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	3
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	3



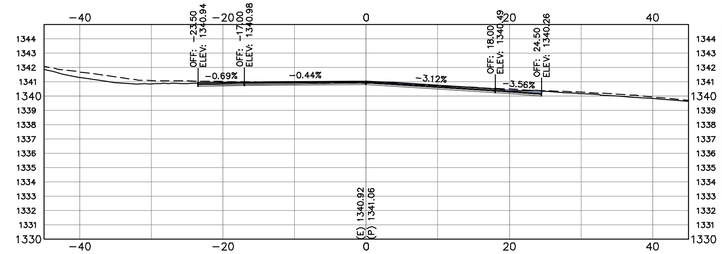
66+24.01

SECTION VOLUME Sta: 66+24.01	
Cut Area (Sq.Ft.)	13.77
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	0
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	0
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	0



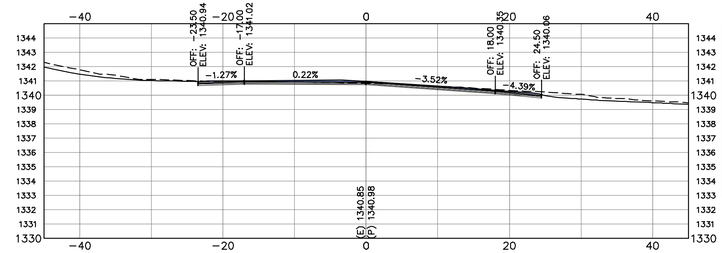
66+90.00

SECTION VOLUME Sta: 66+90.00	
Cut Area (Sq.Ft.)	25.43
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	10
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	45
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	45



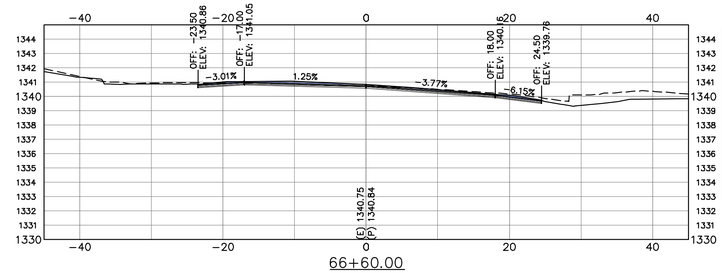
66+80.00

SECTION VOLUME Sta: 66+80.00	
Cut Area (Sq.Ft.)	29.46
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	11
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	35
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	35



66+70.00

SECTION VOLUME Sta: 66+70.00	
Cut Area (Sq.Ft.)	28.69
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	8
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	24
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	24



66+60.00

SECTION VOLUME Sta: 66+60.00	
Cut Area (Sq.Ft.)	14.88
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	16
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	16

0 10 20
SCALE: 1"=10'

PROJECT ENGINEER: CATHY A. McKEON

LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

Crawford & Associates, Inc.
Geotechnical Engineering, Design and Construction Services
100 N. Pine Street
Ukiah, CA 95482

RAU AND ASSOCIATES INC.
CIVIL ENGINEERS · LAND SURVEYORS
100 NORTH PINE STREET · (707) 462-6536 · UKIAH, CA 95482

LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
N. MAIN STREET LAKEPORT, CA.

SCALE: 1"= 10' APPROVED BY: DRAWN BY: MAW
DATE: FEB. 2016 REVIEWED BY: CAM

CROSS SECTIONS
STA: 66+24 TO STA: 66+90

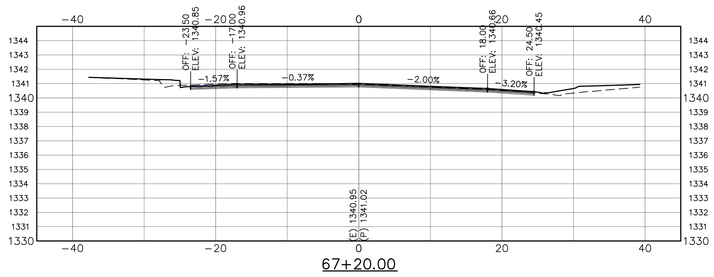
CITY OF LAKEPORT

DRAWING NUMBER X-1 of SHTS 13

BID SET

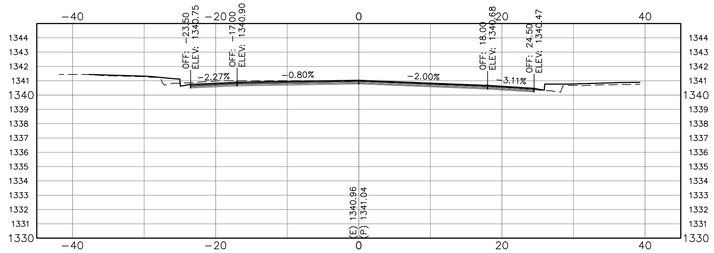
Xrefs: LDI_CP-PROFILE_SHTS.DWG; LDI_CX-TBLOCK-SECTIONS.dwg
Path: C:\Users\Mike\appdata\local\temp\AcPublish_5044\LDI_CP-MAIN_SECTIONS_ALL-CD3.dwg Plot Date: Feb 18, 2016 at 12:48

SECTION VOLUME Sta: 67+30.00	
Cut Area (Sq.Ft.)	7.31
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	64
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	64



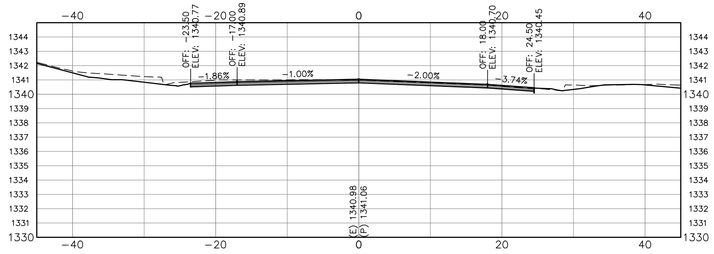
67+20.00

SECTION VOLUME Sta: 67+20.00	
Cut Area (Sq.Ft.)	11.79
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	61
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	61



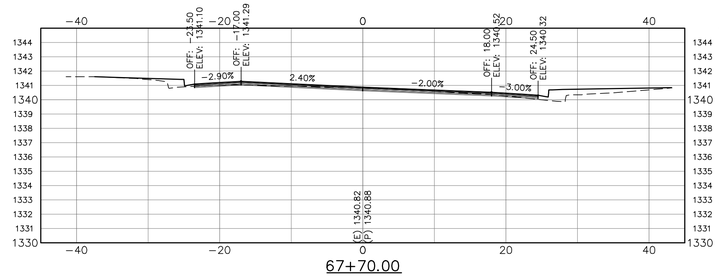
67+10.00

SECTION VOLUME Sta: 67+10.00	
Cut Area (Sq.Ft.)	12.24
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	56
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	56



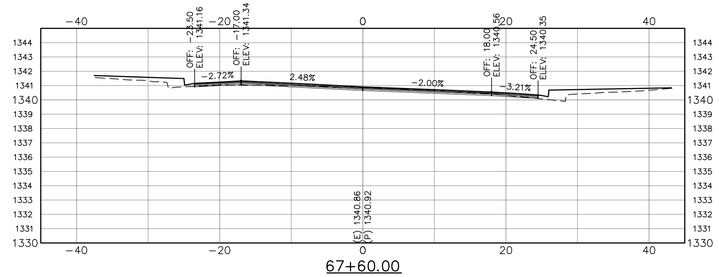
67+00.00

SECTION VOLUME Sta: 67+00.00	
Cut Area (Sq.Ft.)	12.59
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	7
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	52
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	52



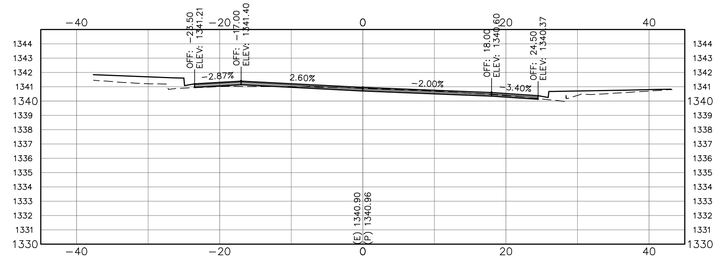
67+70.00

SECTION VOLUME Sta: 67+70.00	
Cut Area (Sq.Ft.)	5.12
Fill Area (Sq. Ft.)	0.05
Cut Vol. (Cu. Yds.)	2
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	73
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	72



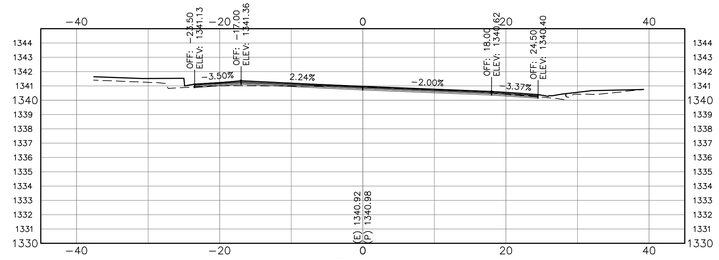
67+60.00

SECTION VOLUME Sta: 67+60.00	
Cut Area (Sq.Ft.)	5.10
Fill Area (Sq. Ft.)	0.09
Cut Vol. (Cu. Yds.)	2
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	71
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	71



67+50.00

SECTION VOLUME Sta: 67+50.00	
Cut Area (Sq.Ft.)	5.34
Fill Area (Sq. Ft.)	0.64
Cut Vol. (Cu. Yds.)	2
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	69
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	69



67+40.00

SECTION VOLUME Sta: 67+40.00	
Cut Area (Sq.Ft.)	6.10
Fill Area (Sq. Ft.)	0.29
Cut Vol. (Cu. Yds.)	2
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	67
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	67

0 10 20
SCALE: 1"=10'

PROJECT ENGINEER: CATHY A. McKEON

LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

Crawford & Associates, Inc.
Geotechnical Engineering, Design and Construction Services
100 N. Pine Street
Ukiah, CA 95482

RAU AND ASSOCIATES INC.
CIVIL ENGINEERS · LAND SURVEYORS
100 NORTH PINE STREET• (707) 462-6536 • UKIAH, CA 95482

LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
N. MAIN STREET LAKEPORT, CA.

SCALE: 1"= 10' APPROVED BY: DRAWN BY: MAW
DATE: FEB. 2016 REVIEWED BY: CAM

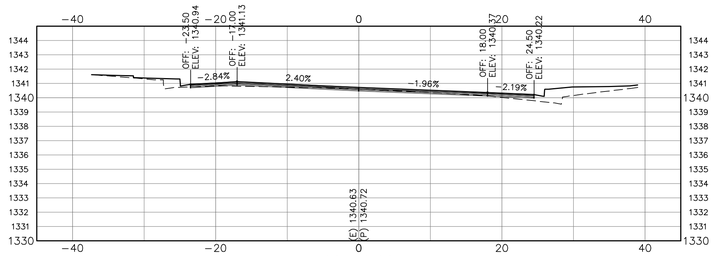
CROSS SECTIONS
STA: 67+00 TO STA: 67+70

CITY OF LAKEPORT

DRAWING NUMBER X-2 of SHTS 13

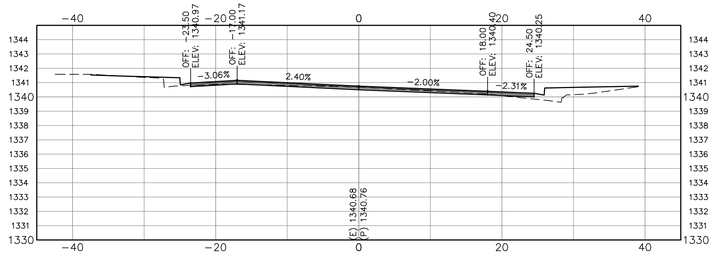
BID SET

Xrefs: LDI_CP-PROFILE_SHTS.DWG; LDI_CX-TBLOCK-SECTIONS.dwg
Path: C:\Users\Mike\appdata\local\temp\AcPublish_5044\LDI_CP-MAIN_SECTIONS_ALL-CD3.dwg Plot Date: Feb 18, 2016 at 12:48



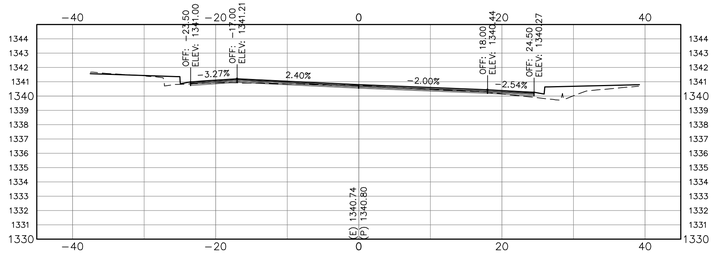
68+10.00

SECTION VOLUME Sta: 68+10.00	
Cut Area (Sq.Ft.)	3.00
Fill Area (Sq. Ft.)	0.74
Cut Vol. (Cu. Yds.)	1
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	79
Total Fill Vol. (Cu. Yds.)	1
Net Volume (Cu. Yds.)	78



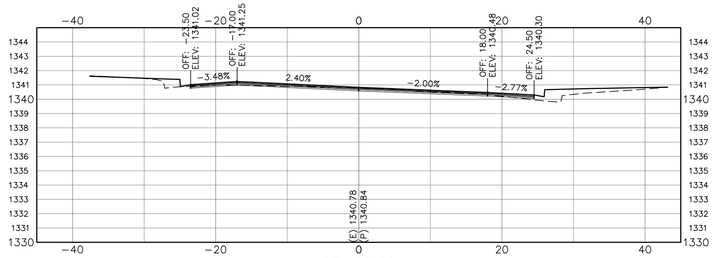
68+00.00

SECTION VOLUME Sta: 68+00.00	
Cut Area (Sq.Ft.)	3.90
Fill Area (Sq. Ft.)	0.45
Cut Vol. (Cu. Yds.)	2
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	78
Total Fill Vol. (Cu. Yds.)	1
Net Volume (Cu. Yds.)	77



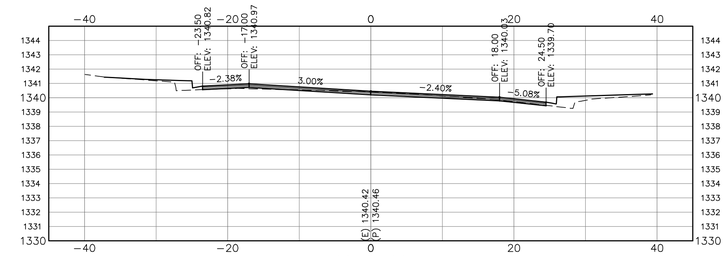
67+90.00

SECTION VOLUME Sta: 67+90.00	
Cut Area (Sq.Ft.)	4.60
Fill Area (Sq. Ft.)	0.29
Cut Vol. (Cu. Yds.)	2
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	77
Total Fill Vol. (Cu. Yds.)	1
Net Volume (Cu. Yds.)	76



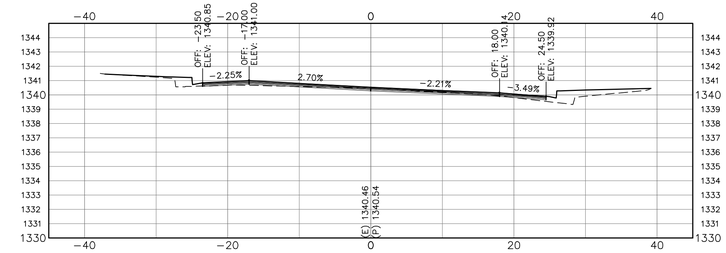
67+80.00

SECTION VOLUME Sta: 67+80.00	
Cut Area (Sq.Ft.)	4.98
Fill Area (Sq. Ft.)	0.14
Cut Vol. (Cu. Yds.)	2
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	75
Total Fill Vol. (Cu. Yds.)	0
Net Volume (Cu. Yds.)	74



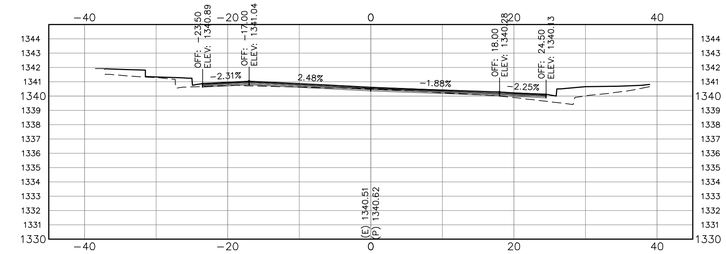
68+50.00

SECTION VOLUME Sta: 68+50.00	
Cut Area (Sq.Ft.)	4.40
Fill Area (Sq. Ft.)	0.37
Cut Vol. (Cu. Yds.)	1
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	84
Total Fill Vol. (Cu. Yds.)	2
Net Volume (Cu. Yds.)	82



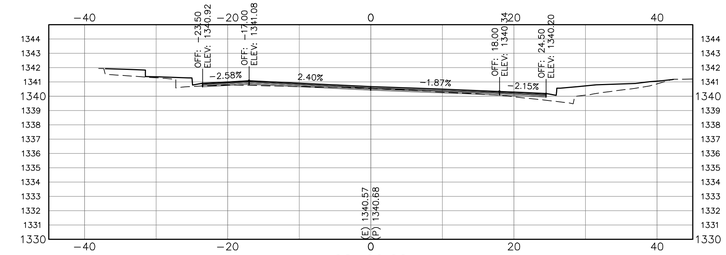
68+40.00

SECTION VOLUME Sta: 68+40.00	
Cut Area (Sq.Ft.)	3.54
Fill Area (Sq. Ft.)	0.44
Cut Vol. (Cu. Yds.)	1
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	82
Total Fill Vol. (Cu. Yds.)	2
Net Volume (Cu. Yds.)	80



68+30.00

SECTION VOLUME Sta: 68+30.00	
Cut Area (Sq.Ft.)	2.17
Fill Area (Sq. Ft.)	1.09
Cut Vol. (Cu. Yds.)	1
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	81
Total Fill Vol. (Cu. Yds.)	2
Net Volume (Cu. Yds.)	80



68+20.00

SECTION VOLUME Sta: 68+20.00	
Cut Area (Sq.Ft.)	2.20
Fill Area (Sq. Ft.)	1.04
Cut Vol. (Cu. Yds.)	1
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	80
Total Fill Vol. (Cu. Yds.)	1
Net Volume (Cu. Yds.)	79

0 10 20
SCALE: 1"=10'

PROJECT ENGINEER: CATHY A. McKEON

LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

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LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
N. MAIN STREET LAKEPORT, CA.

SCALE: 1"= 10' APPROVED BY: DRAWN BY: MAW
DATE: FEB. 2016 REVIEWED BY: CAM

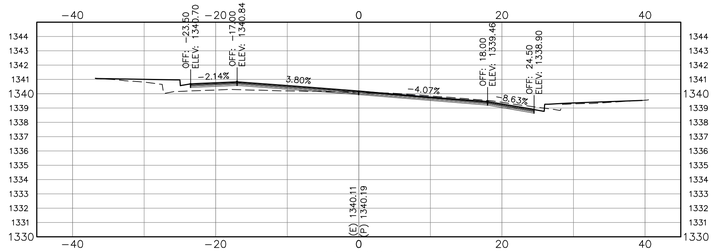
CROSS SECTIONS
STA: 67+80 TO STA: 68+50

CITY OF LAKEPORT

DRAWING NUMBER X-3 of SHTS 13

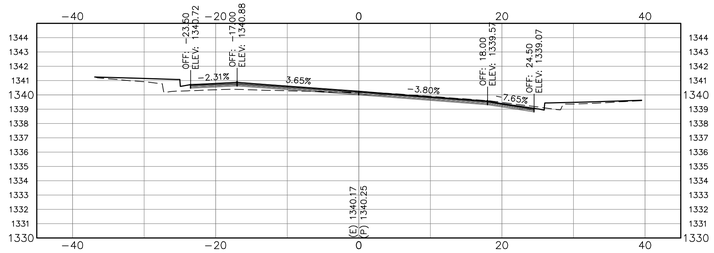
BID SET

Xrefs: LDI_CP-PROFILE_SHTS.DWG; LDI_CX-TBLOCK-SECTIONS.dwg
Path: C:\Users\Mike\appdata\local\temp\AcPublish_5044\LDI_CP-MAIN_SECTIONS_ALL-CD3.dwg Plot Date: Feb 18, 2016 at 12:48



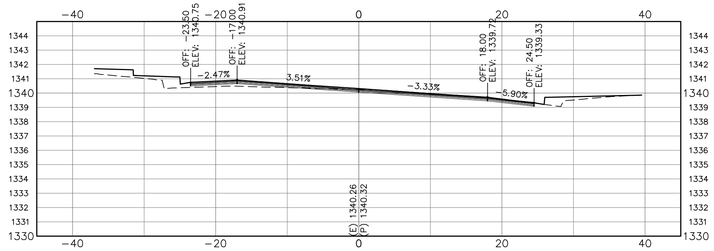
68+90.00

SECTION VOLUME Sta: 68+90.00	
Cut Area (Sq.Ft.)	8.38
Fill Area (Sq. Ft.)	3.39
Cut Vol. (Cu. Yds.)	3
Fill Vol. (Cu. Yds.)	1
Total Cut Vol. (Cu. Yds.)	94
Total Fill Vol. (Cu. Yds.)	4
Net Volume (Cu. Yds.)	89



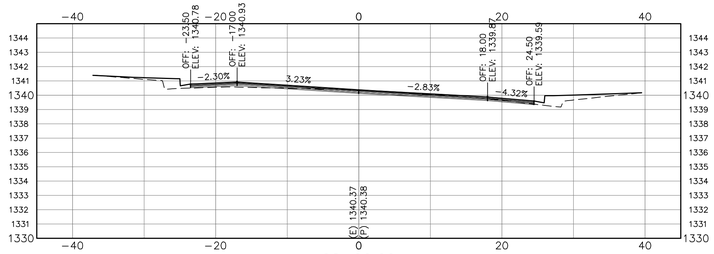
68+80.00

SECTION VOLUME Sta: 68+80.00	
Cut Area (Sq.Ft.)	7.59
Fill Area (Sq. Ft.)	2.43
Cut Vol. (Cu. Yds.)	3
Fill Vol. (Cu. Yds.)	1
Total Cut Vol. (Cu. Yds.)	91
Total Fill Vol. (Cu. Yds.)	3
Net Volume (Cu. Yds.)	87



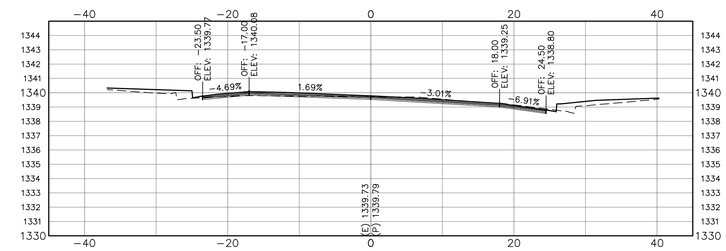
68+70.00

SECTION VOLUME Sta: 68+70.00	
Cut Area (Sq.Ft.)	6.93
Fill Area (Sq. Ft.)	1.56
Cut Vol. (Cu. Yds.)	2
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	88
Total Fill Vol. (Cu. Yds.)	3
Net Volume (Cu. Yds.)	85



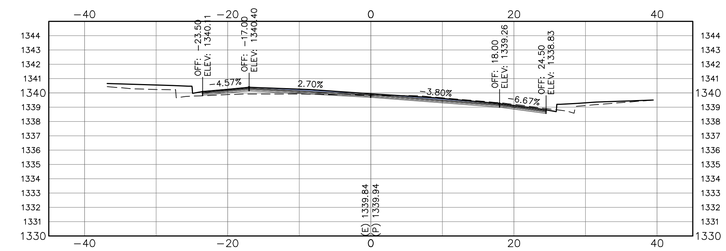
68+60.00

SECTION VOLUME Sta: 68+60.00	
Cut Area (Sq.Ft.)	5.88
Fill Area (Sq. Ft.)	0.63
Cut Vol. (Cu. Yds.)	2
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	86
Total Fill Vol. (Cu. Yds.)	2
Net Volume (Cu. Yds.)	83



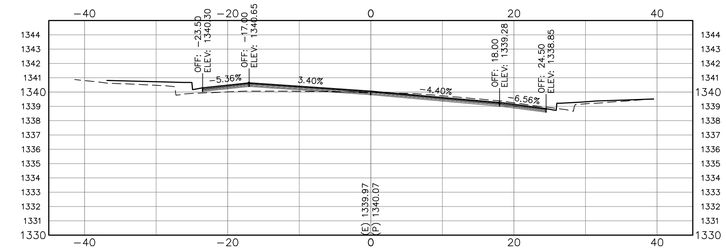
69+30.00

SECTION VOLUME Sta: 69+30.00	
Cut Area (Sq.Ft.)	8.23
Fill Area (Sq. Ft.)	0.10
Cut Vol. (Cu. Yds.)	3
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	106
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	98



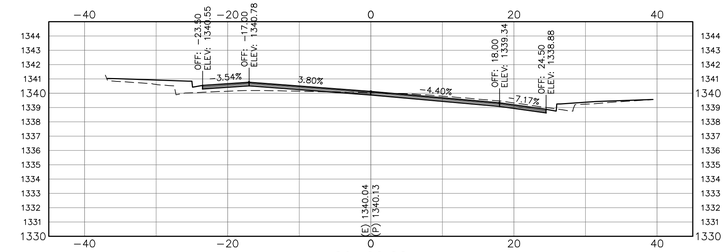
69+20.00

SECTION VOLUME Sta: 69+20.00	
Cut Area (Sq.Ft.)	7.68
Fill Area (Sq. Ft.)	2.05
Cut Vol. (Cu. Yds.)	3
Fill Vol. (Cu. Yds.)	1
Total Cut Vol. (Cu. Yds.)	103
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	95



69+10.00

SECTION VOLUME Sta: 69+10.00	
Cut Area (Sq.Ft.)	8.70
Fill Area (Sq. Ft.)	3.02
Cut Vol. (Cu. Yds.)	3
Fill Vol. (Cu. Yds.)	1
Total Cut Vol. (Cu. Yds.)	100
Total Fill Vol. (Cu. Yds.)	7
Net Volume (Cu. Yds.)	93



69+00.00

BID SET

0 10 20
SCALE: 1"=10'

PROJECT ENGINEER: CATHY A. McKEON

LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

Crawford & Associates, Inc.
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Ukiah, CA 95482

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CIVIL ENGINEERS · LAND SURVEYORS
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LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
N. MAIN STREET LAKEPORT, CA.

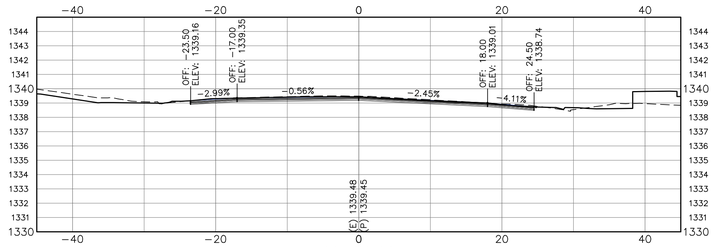
SCALE: 1"= 10' APPROVED BY: DRAWN BY: MAW
DATE: FEB. 2016 REVIEWED BY: CAM

CROSS SECTIONS
STA: 68+60 TO STA: 69+30

CITY OF LAKEPORT

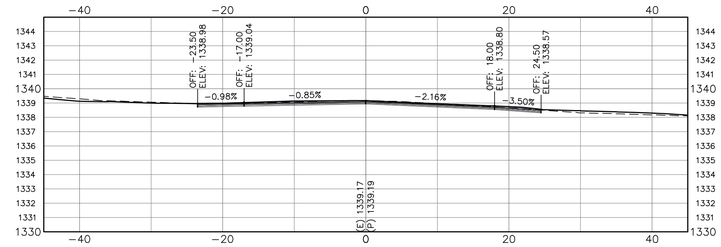
DRAWING NUMBER X-4 of SHTS 13

Xrefs: LDI_CP-PROFILE_SHTS.DWG; LDI_CX-TBLOCK-SECTIONS.dwg
Path: C:\Users\Mike\appdata\local\temp\AcPublish_5044\LDI_CP-MAIN_SECTIONS_ALL-CD3.dwg Plot Date: Feb 18, 2016 at 12:48



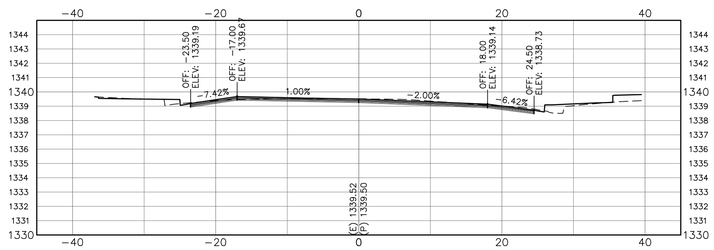
69+70.00

SECTION VOLUME Sta: 69+70.00	
Cut Area (Sq.Ft.)	15.07
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	123
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	115



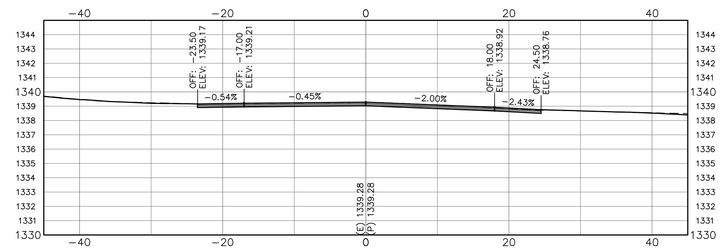
70+10.00

SECTION VOLUME Sta: 70+10.00	
Cut Area (Sq.Ft.)	20.55
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	8
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	156
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	148



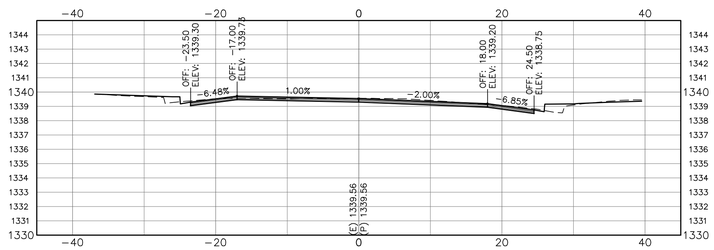
69+60.00

SECTION VOLUME Sta: 69+60.00	
Cut Area (Sq.Ft.)	11.44
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	118
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	110



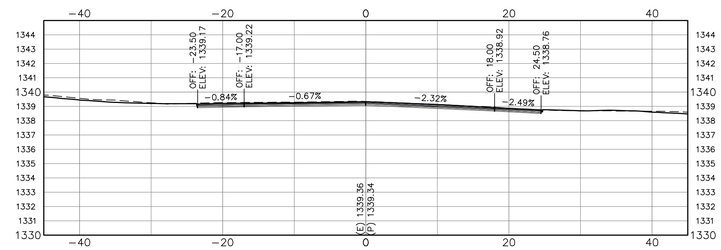
70+00.00

SECTION VOLUME Sta: 70+00.00	
Cut Area (Sq.Ft.)	22.62
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	9
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	148
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	140



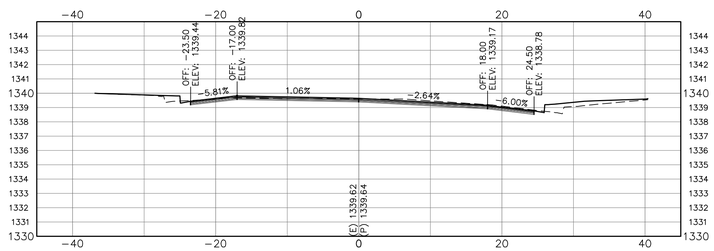
69+50.00

SECTION VOLUME Sta: 69+50.00	
Cut Area (Sq.Ft.)	11.41
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	114
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	106



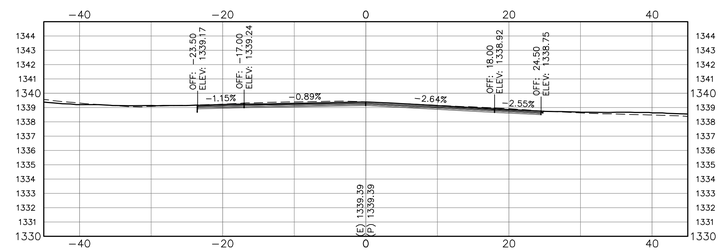
69+90.00

SECTION VOLUME Sta: 69+90.00	
Cut Area (Sq.Ft.)	26.17
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	9
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	139
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	131



69+40.00

SECTION VOLUME Sta: 69+40.00	
Cut Area (Sq.Ft.)	11.83
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	110
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	101



69+80.00

0 10 20
SCALE: 1"=10'

PROJECT ENGINEER: CATHY A. McKEON

LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

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LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
N. MAIN STREET LAKEPORT, CA.

SCALE: 1"= 10' APPROVED BY: DRAWN BY: MAW
DATE: FEB. 2016 REVIEWED BY: CAM

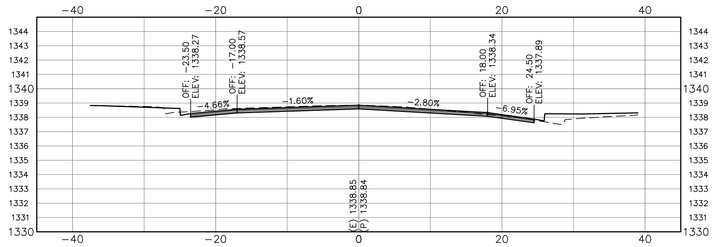
CROSS SECTIONS
STA: 69+40 TO STA: 70+10

CITY OF LAKEPORT

DRAWING NUMBER X-5 of SHTS 13

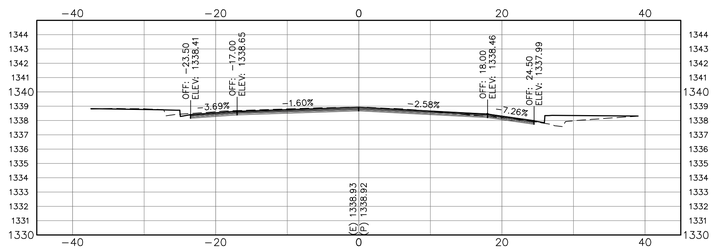
BID SET

Xrefs: LDI_CP-PROFILE_SHTS.DWG; LDI_CX-TBLOCK-SECTIONS.dwg
Path: C:\Users\Mike\appdata\local\temp\AcPublish_5044\LDI_CP-MAIN_SECTIONS_ALL-CD3.dwg Plot Date: Feb 18, 2016 at 12:48



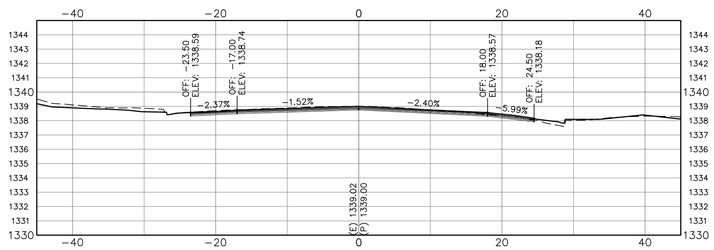
70+50.00

SECTION VOLUME Sta: 70+50.00	
Cut Area (Sq.Ft.)	13.07
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	179
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	171



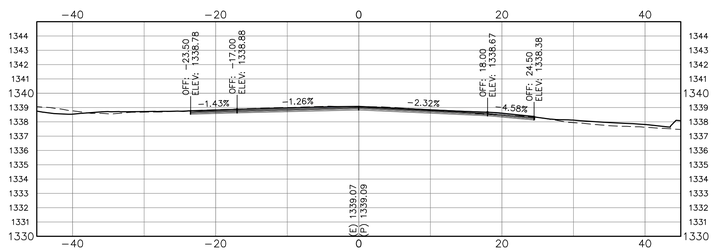
70+40.00

SECTION VOLUME Sta: 70+40.00	
Cut Area (Sq.Ft.)	12.39
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	174
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	166



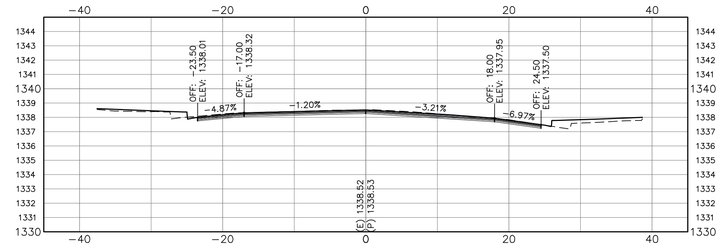
70+30.00

SECTION VOLUME Sta: 70+30.00	
Cut Area (Sq.Ft.)	12.55
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	6
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	170
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	161



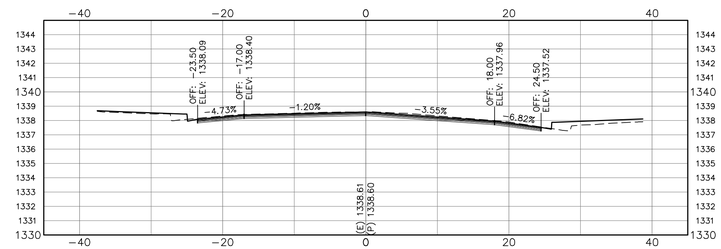
70+20.00

SECTION VOLUME Sta: 70+20.00	
Cut Area (Sq.Ft.)	19.32
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	7
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	164
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	155



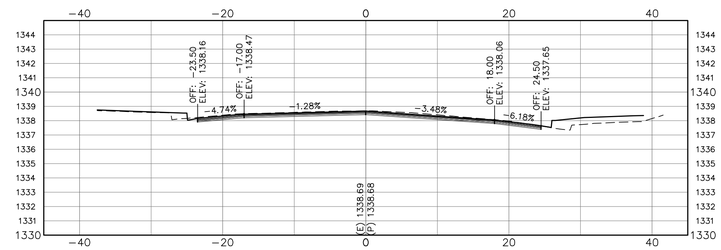
70+90.00

SECTION VOLUME Sta: 70+90.00	
Cut Area (Sq.Ft.)	13.17
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	200
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	191



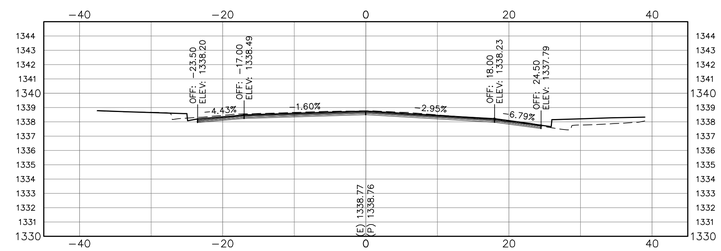
70+80.00

SECTION VOLUME Sta: 70+80.00	
Cut Area (Sq.Ft.)	14.42
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	194
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	186



70+70.00

SECTION VOLUME Sta: 70+70.00	
Cut Area (Sq.Ft.)	14.43
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	189
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	181



70+60.00

BID SET

PROJECT ENGINEER:	CATHY A. McKEON
LICENSE: NO. 51026	EXP.: 9-30-17

VERIFY SCALE

0 1/2 1 2 3

BAR REPRESENTS THREE INCHES ON ORIGINAL

0 10 20

SCALE: 1"=10'

Crawford & Associates, Inc.
Geotechnical Engineering, Design and Construction Services
100 N. Pine Street
Ukiah, CA 95482

RAU AND ASSOCIATES INC.
CIVIL ENGINEERS · LAND SURVEYORS
100 NORTH PINE STREET• (707) 462-6536 • UKIAH, CA 95482

LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
N. MAIN STREET LAKEPORT, CA.

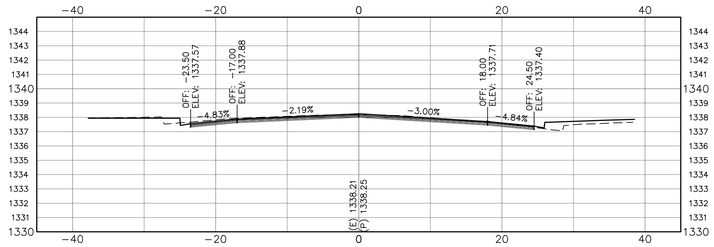
SCALE: 1"= 10'	APPROVED BY:	DRAWN BY:	MAW
DATE: FEB. 2016		REVIEWED BY:	CAM

CROSS SECTIONS
STA: 70+20 TO STA: 70+90

CITY OF LAKEPORT

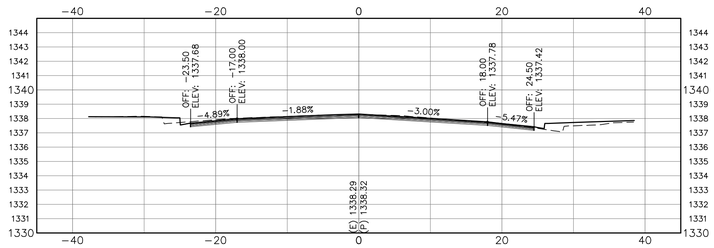
DRAWING NUMBER X-6 of SHTS 13

Xrefs: LDI_CP-PROFILE_SHTS.DWG; LDI_CX-TBLOCK-SECTIONS.dwg
Path: C:\Users\Mike\appdata\local\temp\AcPublish_5044\LDI_CP-MAIN_SECTIONS_ALL-CD3.dwg Plot Date: Feb 18, 2016 at 12:49



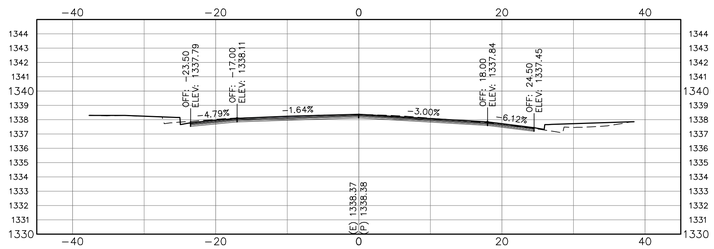
71+30.00

SECTION VOLUME Sta: 71+30.00	
Cut Area (Sq.Ft.)	13.05
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	218
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	210



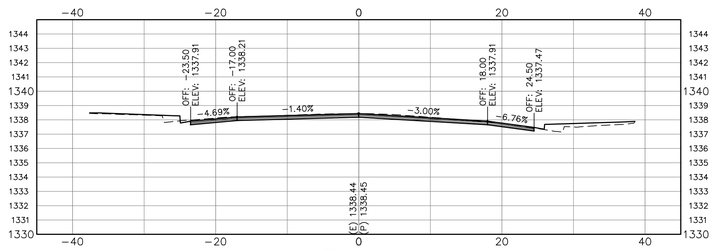
71+20.00

SECTION VOLUME Sta: 71+20.00	
Cut Area (Sq.Ft.)	12.56
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	214
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	205



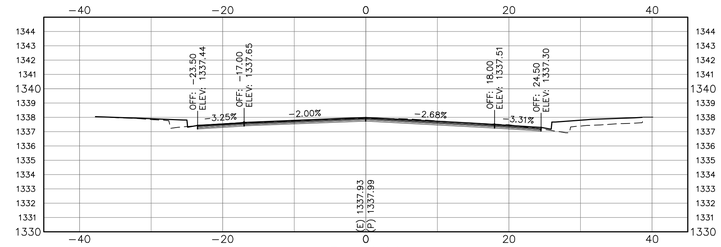
71+10.00

SECTION VOLUME Sta: 71+10.00	
Cut Area (Sq.Ft.)	12.45
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	209
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	201



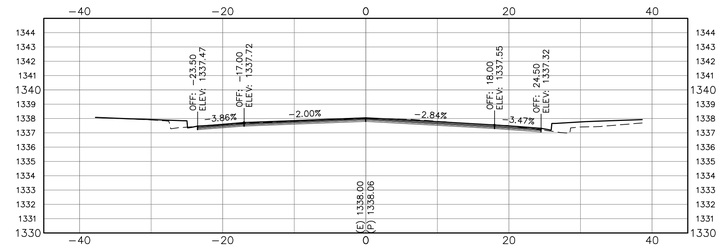
71+00.00

SECTION VOLUME Sta: 71+00.00	
Cut Area (Sq.Ft.)	12.91
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	204
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	196



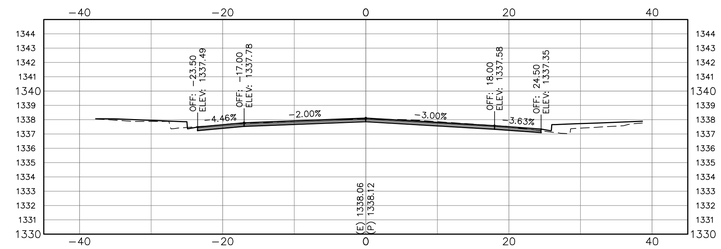
71+70.00

SECTION VOLUME Sta: 71+70.00	
Cut Area (Sq.Ft.)	11.54
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	236
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	228



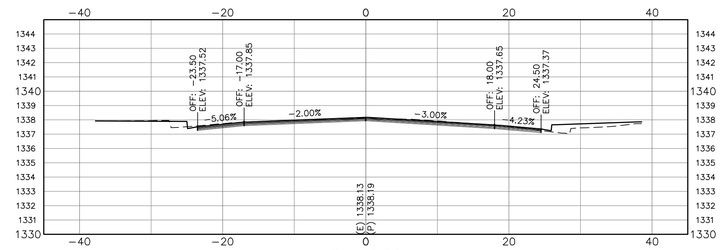
71+60.00

SECTION VOLUME Sta: 71+60.00	
Cut Area (Sq.Ft.)	11.44
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	232
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	224



71+50.00

SECTION VOLUME Sta: 71+50.00	
Cut Area (Sq.Ft.)	11.90
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	228
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	219



71+40.00

SECTION VOLUME Sta: 71+40.00	
Cut Area (Sq.Ft.)	12.23
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	223
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	215

0 10 20
SCALE: 1"=10'

PROJECT ENGINEER: CATHY A. McKEON

LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

Crawford & Associates, Inc.
Geotechnical Engineering, Design and Construction Services
100 N. Pine Street
Ukiah, CA 95482

RAU AND ASSOCIATES INC.
CIVIL ENGINEERS · LAND SURVEYORS
100 NORTH PINE STREET• (707) 462-6536 • UKIAH, CA 95482

LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
N. MAIN STREET LAKEPORT, CA.

SCALE: 1"= 10' APPROVED BY: DRAWN BY: MAW
DATE: FEB. 2016 REVIEWED BY: CAM

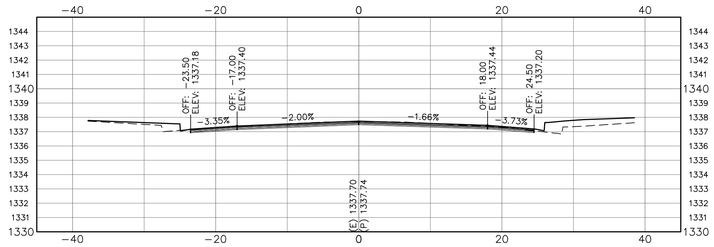
CROSS SECTIONS
STA: 71+00 TO STA: 71+70

CITY OF LAKEPORT

DRAWING NUMBER X-7 of SHTS 13

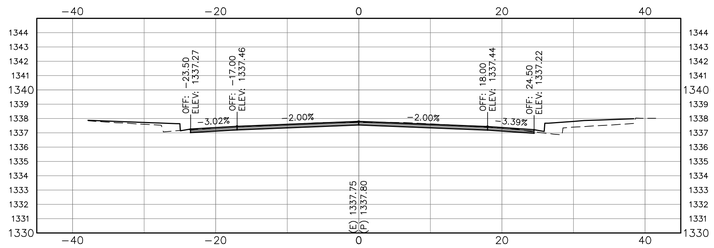
BID SET

Xrefs: LDI_CP-PROFILE_SHTS.DWG; LDI_CX-TBLOCK-SECTIONS.dwg
Path: C:\Users\Mike\appdata\local\temp\AcPublish_5044\LDI_CP-MAIN_SECTIONS_ALL-CD3.dwg Plot Date: Feb 18, 2016 at 12:49



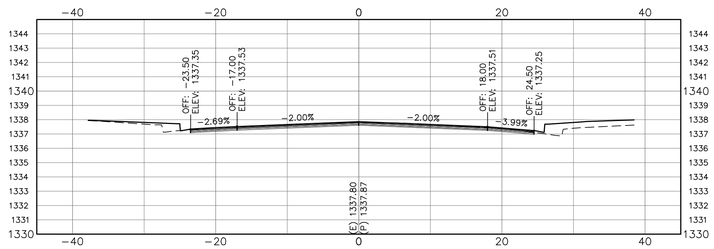
72+10.00

SECTION VOLUME Sta: 72+10.00	
Cut Area (Sq.Ft.)	11.41
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	253
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	245



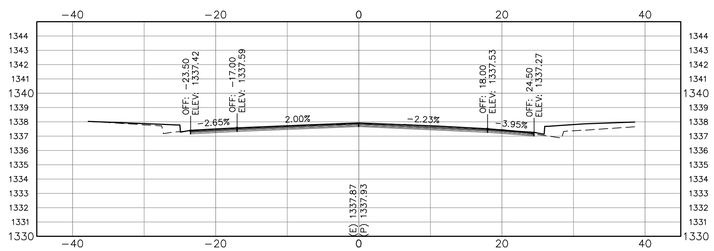
72+00.00

SECTION VOLUME Sta: 72+00.00	
Cut Area (Sq.Ft.)	11.63
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	249
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	240



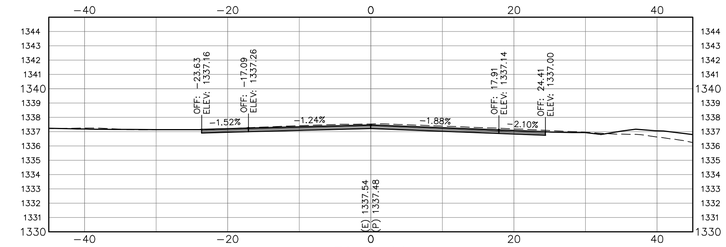
71+90.00

SECTION VOLUME Sta: 71+90.00	
Cut Area (Sq.Ft.)	11.07
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	245
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	236



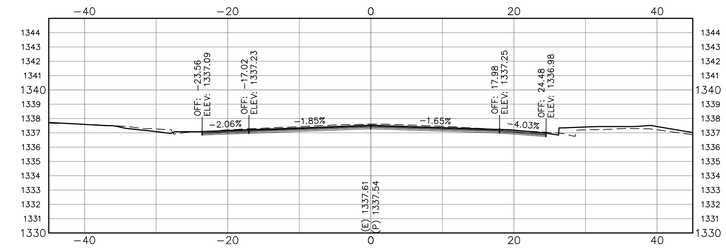
71+80.00

SECTION VOLUME Sta: 71+80.00	
Cut Area (Sq.Ft.)	11.15
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	240
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	232



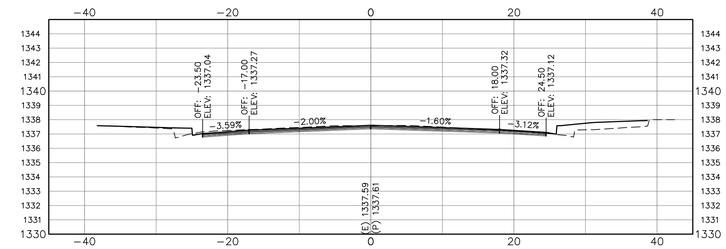
72+50.00

SECTION VOLUME Sta: 72+50.00	
Cut Area (Sq.Ft.)	22.90
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	9
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	277
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	269



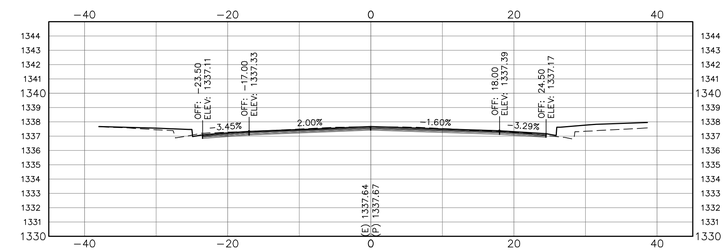
72+40.00

SECTION VOLUME Sta: 72+40.00	
Cut Area (Sq.Ft.)	23.14
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	7
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	269
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	261



72+30.00

SECTION VOLUME Sta: 72+30.00	
Cut Area (Sq.Ft.)	13.33
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	262
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	254



72+20.00

SECTION VOLUME Sta: 72+20.00	
Cut Area (Sq.Ft.)	12.52
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	257
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	249

0 10 20
SCALE: 1"=10'

PROJECT ENGINEER: CATHY A. McKEON

LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

Crawford & Associates, Inc.
Geotechnical Engineering, Design and Construction Services
100 N. Pine Street
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RAU AND ASSOCIATES INC.
CIVIL ENGINEERS · LAND SURVEYORS
100 NORTH PINE STREET• (707) 462-6536 • UKIAH, CA 95482

LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
N. MAIN STREET LAKEPORT, CA.

SCALE: 1"= 10' APPROVED BY: DRAWN BY: MAW
DATE: FEB. 2016 REVIEWED BY: CAM

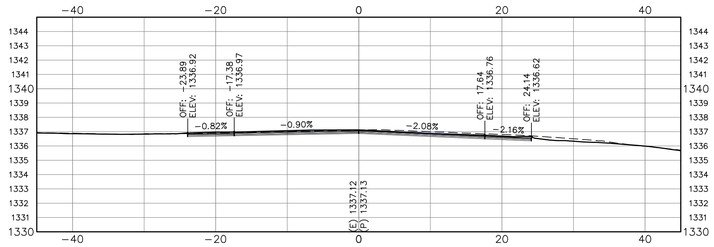
CROSS SECTIONS
STA: 71+80 TO STA: 72+50

CITY OF LAKEPORT

DRAWING NUMBER X-8 of SHTS 13

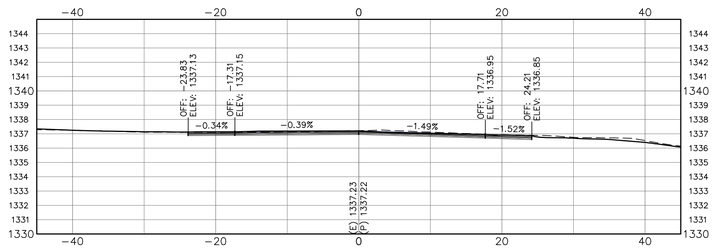
BID SET

Xrefs: LDI_CP-PROFILE_SHTS.DWG; LDI_CX-TBLOCK-SECTIONS.dwg
Path: C:\Users\Mike\appdata\local\temp\AcPublish_5044\LDI_CP-MAIN_SECTIONS_ALL-CD3.dwg Plot Date: Feb 18, 2016 at 12:49



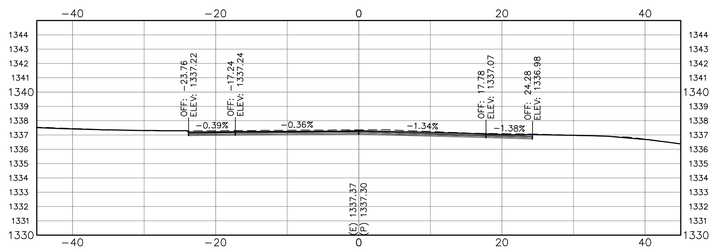
72+90.00

SECTION VOLUME Sta: 72+90.00	
Cut Area (Sq.Ft.)	25.78
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	9
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	316
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	307



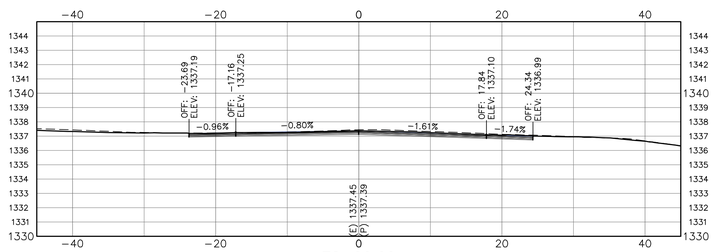
72+80.00

SECTION VOLUME Sta: 72+80.00	
Cut Area (Sq.Ft.)	24.93
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	10
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	306
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	298



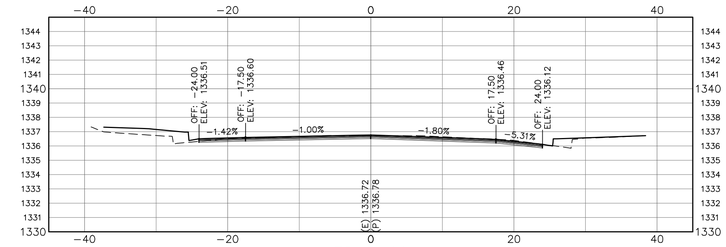
72+70.00

SECTION VOLUME Sta: 72+70.00	
Cut Area (Sq.Ft.)	26.57
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	10
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	297
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	288



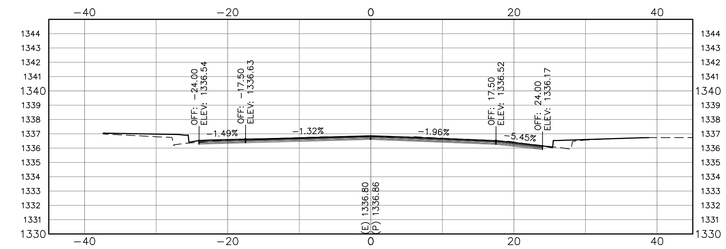
72+60.00

SECTION VOLUME Sta: 72+60.00	
Cut Area (Sq.Ft.)	26.79
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	9
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	287
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	278



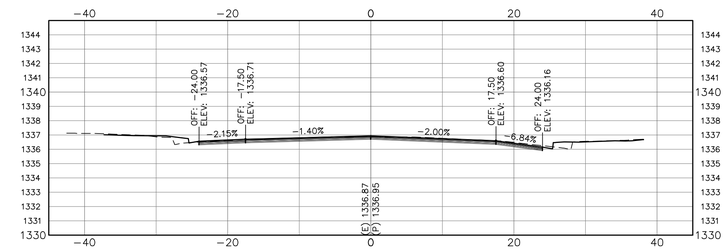
73+30.00

SECTION VOLUME Sta: 73+30.00	
Cut Area (Sq.Ft.)	11.70
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	340
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	332



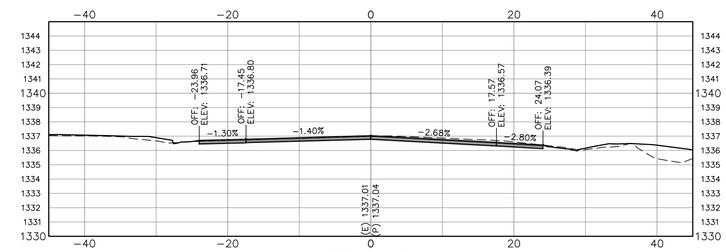
73+20.00

SECTION VOLUME Sta: 73+20.00	
Cut Area (Sq.Ft.)	12.03
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	335
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	327



73+10.00

SECTION VOLUME Sta: 73+10.00	
Cut Area (Sq.Ft.)	11.93
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	6
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	331
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	323



73+00.00

SECTION VOLUME Sta: 73+00.00	
Cut Area (Sq.Ft.)	22.97
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	9
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	325
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	316

0 10 20
SCALE: 1"=10'

PROJECT ENGINEER: CATHY A. McKEON

LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

Crawford & Associates, Inc.
Geotechnical Engineering, Design and Construction Services
100 N. Pine Street
Ukiah, CA 95482

RAU AND ASSOCIATES INC.
CIVIL ENGINEERS · LAND SURVEYORS
100 NORTH PINE STREET• (707) 462-6536 • UKIAH, CA 95482

LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
N. MAIN STREET LAKEPORT, CA.

SCALE: 1"= 10' APPROVED BY: DRAWN BY: MAW
DATE: FEB. 2016 REVIEWED BY: CAM

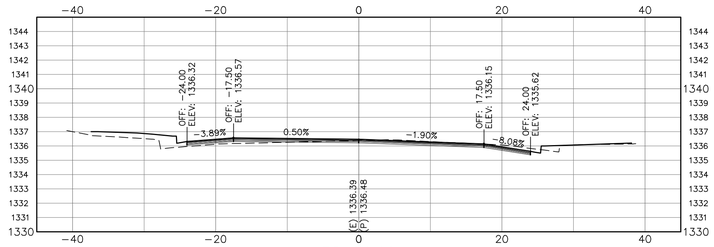
CROSS SECTIONS
STA: 72+60 TO STA: 73+30

CITY OF LAKEPORT

DRAWING NUMBER X-9 of SHTS 13

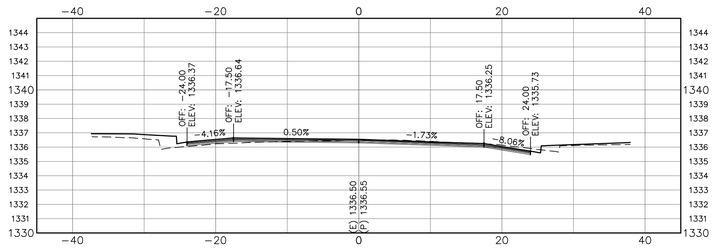
BID SET

Xrefs: LDI_CP-PROFILE_SHTS.DWG; LDI_CX-TBLOCK-SECTIONS.dwg
Path: C:\Users\Mike\appdata\local\temp\AcPublish_5044\LDI_CP-MAIN_SECTIONS_ALL-CD3.dwg Plot Date: Feb 18, 2016 at 12:49



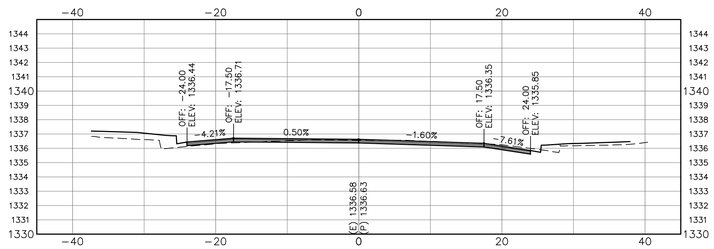
73+70.00

SECTION VOLUME Sta: 73+70.00	
Cut Area (Sq.Ft.)	7.79
Fill Area (Sq. Ft.)	1.28
Cut Vol. (Cu. Yds.)	3
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	354
Total Fill Vol. (Cu. Yds.)	9
Net Volume (Cu. Yds.)	345



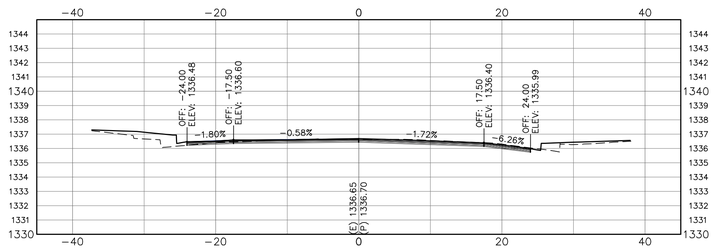
73+60.00

SECTION VOLUME Sta: 73+60.00	
Cut Area (Sq.Ft.)	8.15
Fill Area (Sq. Ft.)	0.71
Cut Vol. (Cu. Yds.)	3
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	351
Total Fill Vol. (Cu. Yds.)	9
Net Volume (Cu. Yds.)	342



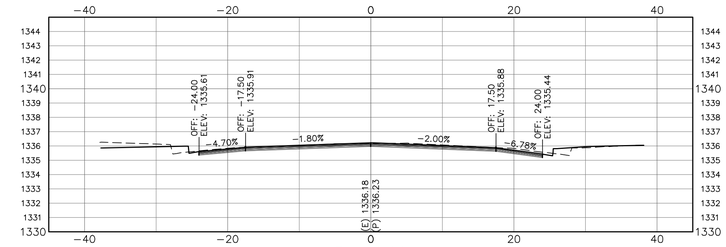
73+50.00

SECTION VOLUME Sta: 73+50.00	
Cut Area (Sq.Ft.)	8.72
Fill Area (Sq. Ft.)	0.46
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	348
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	339



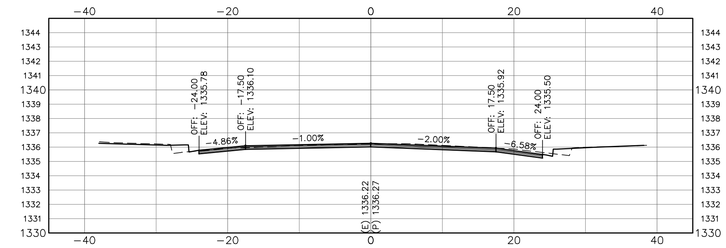
73+40.00

SECTION VOLUME Sta: 73+40.00	
Cut Area (Sq.Ft.)	11.00
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	344
Total Fill Vol. (Cu. Yds.)	8
Net Volume (Cu. Yds.)	336



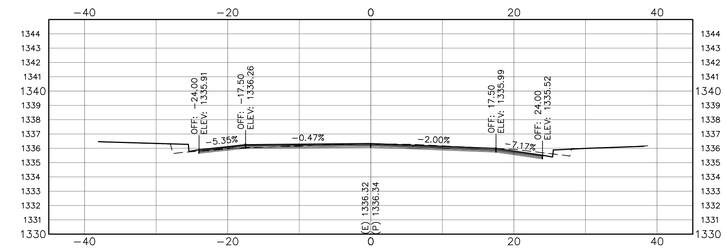
74+10.00

SECTION VOLUME Sta: 74+10.00	
Cut Area (Sq.Ft.)	13.56
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	369
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	360



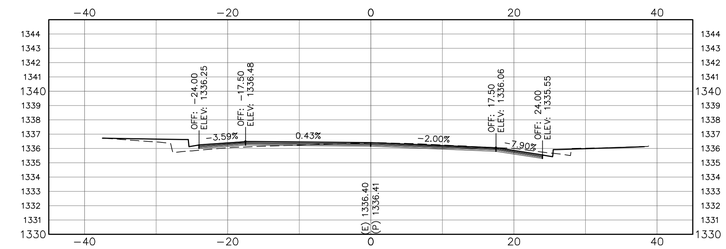
74+00.00

SECTION VOLUME Sta: 74+00.00	
Cut Area (Sq.Ft.)	11.65
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	365
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	355



73+90.00

SECTION VOLUME Sta: 73+90.00	
Cut Area (Sq.Ft.)	10.53
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	360
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	351



73+80.00

SECTION VOLUME Sta: 73+80.00	
Cut Area (Sq.Ft.)	8.91
Fill Area (Sq. Ft.)	1.09
Cut Vol. (Cu. Yds.)	3
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	357
Total Fill Vol. (Cu. Yds.)	9
Net Volume (Cu. Yds.)	347

0 10 20
SCALE: 1"=10'

PROJECT ENGINEER: CATHY A. McKEON

LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

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LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
N. MAIN STREET LAKEPORT, CA.

SCALE: 1"= 10' APPROVED BY: DRAWN BY: MAW
DATE: FEB. 2016 REVIEWED BY: CAM

CROSS SECTIONS
STA: 73+40 TO STA: 74+10

CITY OF LAKEPORT

DRAWING NUMBER X-10 of SHTS 13

BID SET

Xrefs: LDI_CP-PROFILE_SHTS.DWG; LDI_CX-TBLOCK-SECTIONS.dwg
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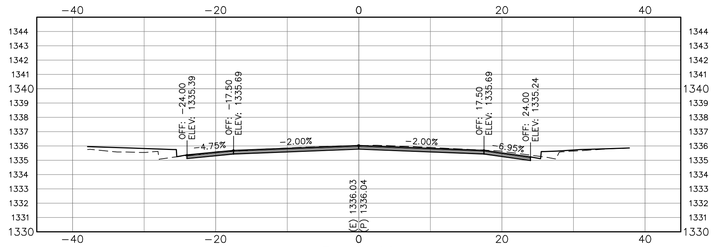
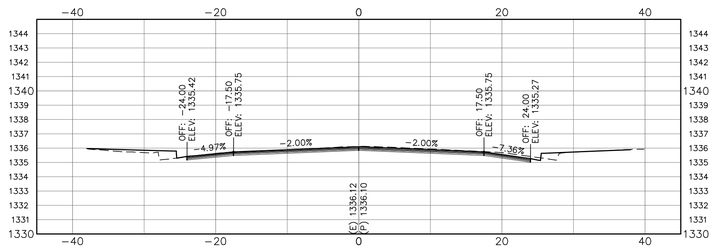


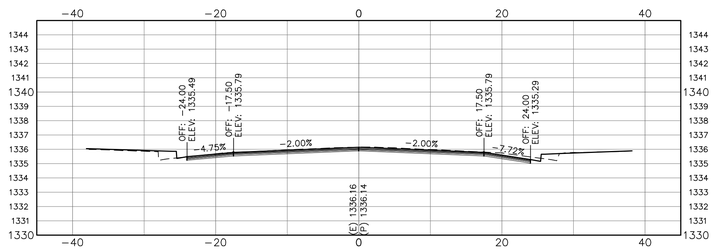
74+50.00

SECTION VOLUME Sta: 74+50.00	
Cut Area (Sq.Ft.)	13.39
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	389
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	380



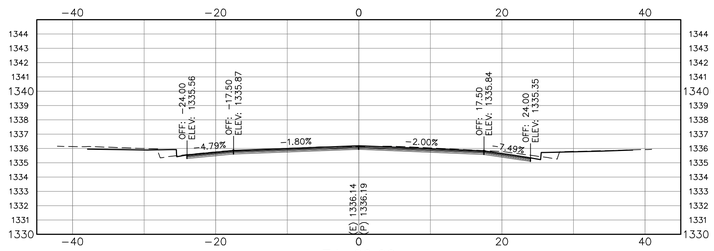
74+40.00

SECTION VOLUME Sta: 74+40.00	
Cut Area (Sq.Ft.)	13.61
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	384
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	375



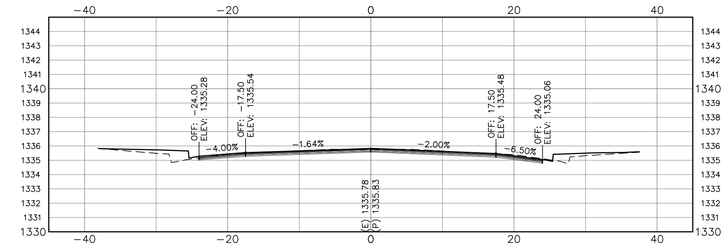
74+30.00

SECTION VOLUME Sta: 74+30.00	
Cut Area (Sq.Ft.)	13.97
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	379
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	370



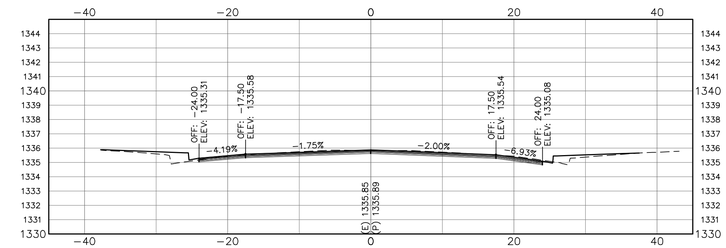
74+20.00

SECTION VOLUME Sta: 74+20.00	
Cut Area (Sq.Ft.)	13.51
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	374
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	365



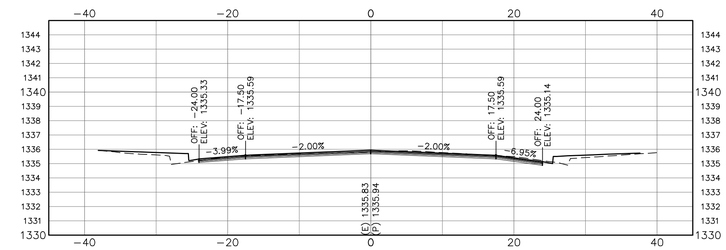
74+90.00

SECTION VOLUME Sta: 74+90.00	
Cut Area (Sq.Ft.)	12.12
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	408
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	398



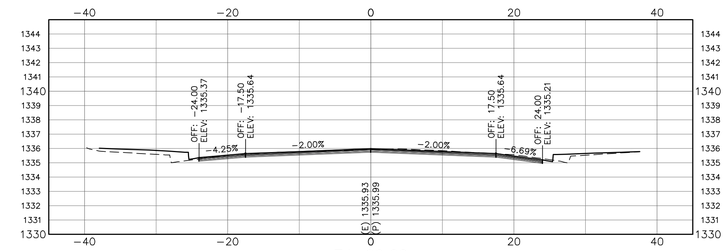
74+80.00

SECTION VOLUME Sta: 74+80.00	
Cut Area (Sq.Ft.)	12.89
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	403
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	393



74+70.00

SECTION VOLUME Sta: 74+70.00	
Cut Area (Sq.Ft.)	11.22
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	399
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	389



74+60.00

SECTION VOLUME Sta: 74+60.00	
Cut Area (Sq.Ft.)	12.45
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	394
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	385

0 10 20
SCALE: 1"=10'

PROJECT ENGINEER: CATHY A. McKEON

LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

Crawford & Associates, Inc.
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LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
N. MAIN STREET LAKEPORT, CA.

SCALE: 1"= 10' APPROVED BY: DRAWN BY: MAW
DATE: FEB. 2016 REVIEWED BY: CAM

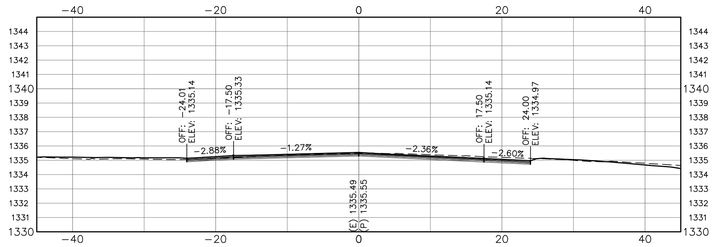
CROSS SECTIONS
STA: 74+20 TO STA: 74+90

CITY OF LAKEPORT

DRAWING NUMBER X-11 of SHTS 13

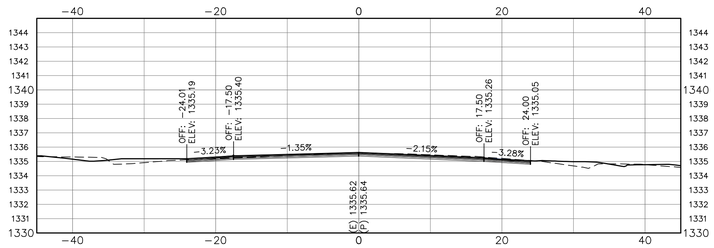
BID SET

Xrefs: LDI_CP-PROFILE_SHTS.DWG; LDI_CX-TBLOCK-SECTIONS.dwg
Path: C:\Users\Mike\appdata\local\temp\AcPublish_5044\LDI_CP-MAIN_SECTIONS_ALL-CD3.dwg Plot Date: Feb 18, 2016 at 12:49



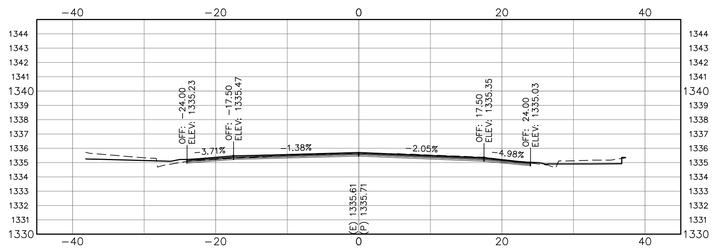
75+30.00

SECTION VOLUME Sta: 75+30.00	
Cut Area (Sq.Ft.)	21.24
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	8
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	429
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	419



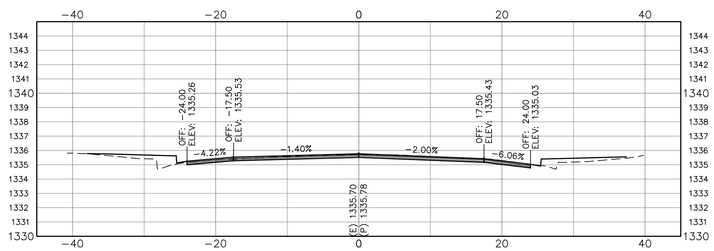
75+20.00

SECTION VOLUME Sta: 75+20.00	
Cut Area (Sq.Ft.)	21.52
Fill Area (Sq. Ft.)	0.78
Cut Vol. (Cu. Yds.)	6
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	421
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	412



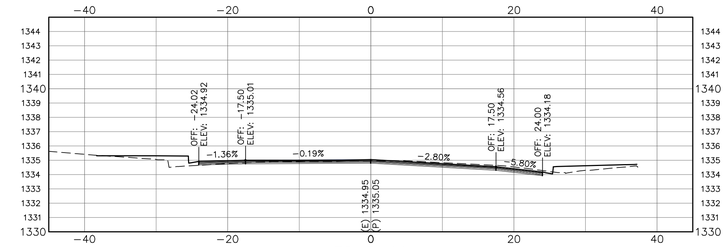
75+10.00

SECTION VOLUME Sta: 75+10.00	
Cut Area (Sq.Ft.)	9.83
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	416
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	406



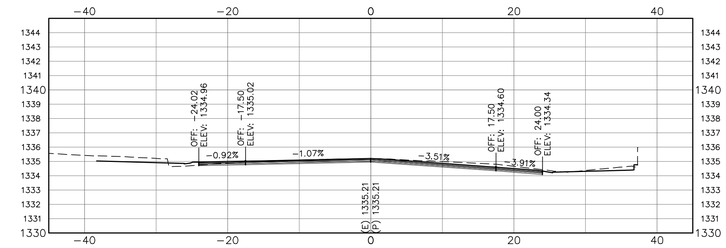
75+00.00

SECTION VOLUME Sta: 75+00.00	
Cut Area (Sq.Ft.)	10.35
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	412
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	402



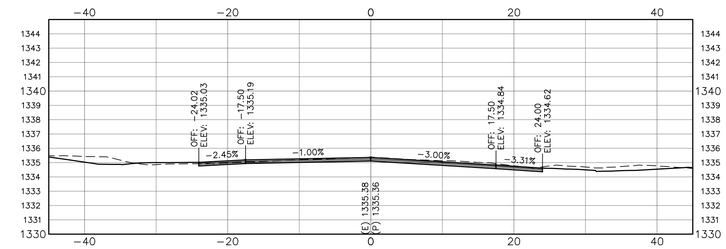
75+70.00

SECTION VOLUME Sta: 75+70.00	
Cut Area (Sq.Ft.)	10.50
Fill Area (Sq. Ft.)	0.01
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	460
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	450



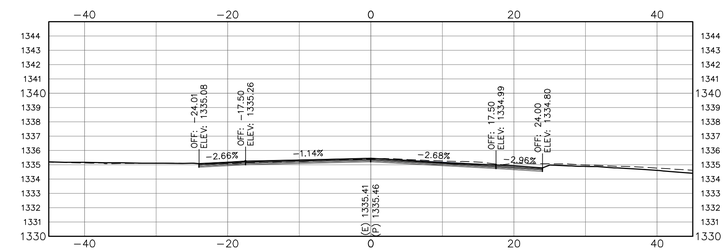
75+60.00

SECTION VOLUME Sta: 75+60.00	
Cut Area (Sq.Ft.)	13.76
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	8
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	455
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	446



75+50.00

SECTION VOLUME Sta: 75+50.00	
Cut Area (Sq.Ft.)	28.14
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	10
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	448
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	438



75+40.00

BID SET

0 10 20
SCALE: 1"=10'

PROJECT ENGINEER: CATHY A. McKEON

LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

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LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
N. MAIN STREET LAKEPORT, CA.

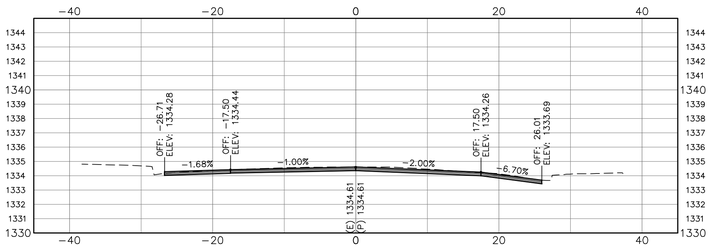
SCALE: 1"= 10' APPROVED BY: DRAWN BY: MAW
DATE: FEB. 2016 REVIEWED BY: CAM

CROSS SECTIONS
STA: 75+00 TO STA: 75+70

CITY OF LAKEPORT

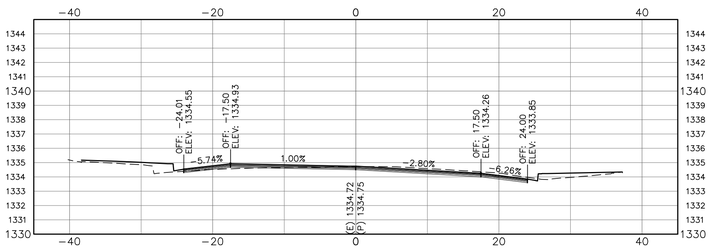
DRAWING NUMBER X-12 of SHTS 13

Xrefs: LDI_CP-PROFILE_SHTS.DWG; LDI_CX-TBLOCK-SECTIONS.dwg
Path: C:\Users\Mike\appdata\local\temp\AcPublish_5044\LDI_CP-MAIN_SECTIONS_ALL-CD3.dwg Plot Date: Feb 18, 2016 at 12:49



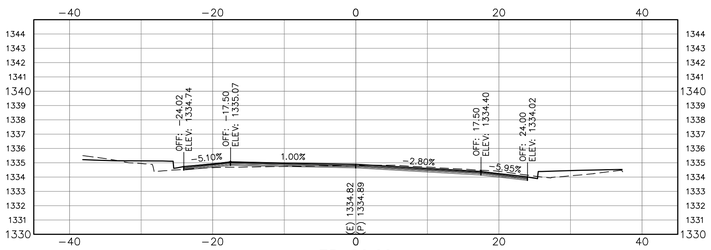
76+00.00

SECTION VOLUME Sta: 76+00.00	
Cut Area (Sq.Ft.)	14.23
Fill Area (Sq. Ft.)	0.00
Cut Vol. (Cu. Yds.)	5
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	472
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	461



75+90.00

SECTION VOLUME Sta: 75+90.00	
Cut Area (Sq.Ft.)	10.29
Fill Area (Sq. Ft.)	0.34
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	467
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	457



75+80.00

SECTION VOLUME Sta: 75+80.00	
Cut Area (Sq.Ft.)	9.08
Fill Area (Sq. Ft.)	0.59
Cut Vol. (Cu. Yds.)	4
Fill Vol. (Cu. Yds.)	0
Total Cut Vol. (Cu. Yds.)	464
Total Fill Vol. (Cu. Yds.)	10
Net Volume (Cu. Yds.)	454

0 10 20
SCALE: 1"=10'

PROJECT ENGINEER: CATHY A. McKEON

LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

Crawford & Associates, Inc.
Geotechnical Engineering, Design and Construction Services
100 N. Pine Street
Ukiah, CA 95482

RAU AND ASSOCIATES INC.
CIVIL ENGINEERS · LAND SURVEYORS
100 NORTH PINE STREET• (707) 462-6536 • UKIAH, CA 95482

LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
N. MAIN STREET LAKEPORT, CA.

SCALE: 1"= 10' APPROVED BY: DRAWN BY: MAW
DATE: FEB. 2016 REVIEWED BY: CAM

CROSS SECTIONS
STA: 75+80 TO STA: 76+00

CITY OF LAKEPORT

DRAWING NUMBER
X-13 of SHTS 13

BID SET

Xrefs: LDI_CP-PROFILE_SHTS.DWG; LDI_CX-TBLOCK-SECTIONS.dwg
Path: C:\Users\Mike\appdata\local\temp\AcPublish_5044\LDI_CP-MAIN_SECTIONS_ALL-CD3.dwg Plot Date: Feb 18, 2016 at 12:50